

**Before the Zoning Administrator in and for the  
County of Monterey, State of California**

In the matter of the application of:

**SEARLE PHILIP A & BANU TRS (PLN240143)  
RESOLUTION NO. 25-011**

Resolution by the County of Monterey Zoning  
Administrator:

- 1) Finding that the project qualifies for a Class 2 Categorical Exemption pursuant to CEQA Guidelines sections 15302 and none of the exceptions pursuant to Section 15300.2 apply; and
- 2) Approving a Combined Development Permit consisting of:
  - a) A Coastal Administrative Permit and Design Approval to allow demolition of existing two-story residence and associated site improvements and construction of a 2,700 square-foot single-family dwelling with an attached garage and associated site improvements; and
  - b) A Coastal Development Permit for development within 750 feet of known archaeological resource.

[PLN240143, SEARLE PHILIP A & BANU TRS,  
2480 Bay View Avenue, Carmel, Carmel Land Use  
Plan (APN: 009-412-025-000)]

**The SEARLE PHILIP A & BANU TRS application (PLN240143) came on for public hearing before the County of Monterey Zoning Administrator on February 27, 2025. Having considered all the written and documentary evidence, the administrative record, the staff report, oral testimony, and other evidence presented, the Zoning Administrator finds and decides as follows:**

**FINDINGS**

1.       **FINDING:**       **CONSISTENCY** – The Project, as conditioned, is consistent with the applicable plans and policies which designate this area as appropriate for development.

**EVIDENCE:**   a) During the course of review of this application, the project has been reviewed for consistency with the text, policies, and regulations in:

- the 1982 Monterey County General Plan;
- Carmel Area Land Use Plan;
- Monterey County Coastal Implementation Plan Part 4;
- Monterey County Zoning Ordinance (Title 20);

No conflicts were found to exist. No communications were received during the course of review of the project indicating any inconsistencies with the text, policies, and regulations in these documents.

- b) The project involves the demolition of an existing 2,271 square foot single-family dwelling with an attached garage and all site improvements, and the construction of a replacement 2,700 square foot dwelling with an attached one-car garage, and associated site improvements including entry courtyard, utility yard, dog wash, sunken patio, rear yard patio, and a fire pit. The proposed development is within 750 feet of a known archaeological resource.
- c) Allowed Use. The property is located at 2480 Bay View Avenue, Carmel (Assessor's Parcel Number [APN]: 009-412-025-000), Carmel Land use Plan. The parcel is zoned Medium Density Residential with a 2 units per acre density, Design Control overlay, and a maximum allowable height of 18 feet in the Coastal Zone, or "MDR/2-D(18)(CZ)", which allows for the construction of a single-family dwelling and accessory structures, subject to the granting of a Coastal Administrative Permit and Design Approval in each case, per Title 20 section 20.12.060. The project additionally involves development within 750 feet of a known archaeological resource, qualifies as non-exempt development and requires the granting of a Coastal Development Permit per Title 20 section 20.12.030. Therefore, the project is an allowed land use for this site.
- d) The project planner conducted a site inspection on February 18, 2025 to verify that the project on the subject parcel conforms to the plans listed above.
- e) Lot Legality. The subject property (APN: 009-412-025-000) is approximately 0.13 acres (5,662 square feet) and is identified in its current configuration as Lot 25, as shown on the Parcel Map, Book 9 Page 41 dated July 20, 1967. Therefore, the County recognizes the subject property as a legal lot of record.
- f) Design/Neighborhood and Community Character. Pursuant to Title 21, Chapter 20.44, the project site and surrounding area are designated as a Design Control Zoning District ("D" zoning overlay), which is intended to regulate the location, size, configuration, materials, and colors of structures and fences to assure the protection of the public viewshed and neighborhood character. The single-family dwelling and attached garage will have a modern architectural style with exterior colors and materials that consist of: natural wood siding, black metal framed windows and doors, flat gray rubber membrane roof, and stone veneer siding and stone pavers. The residences within the vicinity have eclectic architectural styles; ranging from Tudor and modern to craftsmen-style homes. The exterior finishes blend with the surrounding built environment and are consistent with the surrounding residential neighborhood character. The subject property is surrounded by other developed residential properties, all of which have residential structures with similar elevations and heights as the proposed residence. Though the proposed residence will be positioned towards the front of the property, the proposed flat roof and planting of two five-gallon Monterey Cypress at the front of the property will further ensure that the proposed residence will not detract from the neighborhood character. Therefore, the proposed development assures visual integrity and compatibility with the surrounding neighborhood. Due to intervening residences and vegetation, and the reduced allowable height this zoning

district, the proposed residence and accessory structure will not create any adverse visual impacts (see subsequent Evidence “h”). The project, as designed and sited, assures protection of the public viewshed, is consistent with the neighborhood character, and assures visual integrity.

- g) Development Standards. Pursuant to Title 20 section 20.12.060, main structures within the MDR zoning district shall have setbacks of at least 20 feet for the front, 5 feet for the sides, and 10 feet for the rear. Additionally, the maximum allowable height within this zoning district is 30 feet, unless otherwise noted on the zoning map. In this case, the subject zoning district establishes a maximum height limit of 18 feet. As proposed, the single-family dwelling with an attached garage will have setbacks of 20 feet (front), 9 feet and 8 feet (sides), and over 10 feet (rear). The proposed development will have a height 17 feet 9 inches from the average natural grade. Condition No. 4 ensures that the final ridge height does not exceed 18 feet. The subject property has an allowable building site coverage of 35 percent and allowable floor area ratio of 45 percent. As proposed, the project will result in a lot coverage of 34.8 percent and a floor area ratio of 44.9 percent. Therefore, the property complies with the required site development standards based on the applicable zoning district.
- h) Scenic and Visual Resources. Map A of the Carmel Area Land Use Plan indicates which areas of the Carmel LUP fall within the Local Coastal Program General Viewshed, and the viewshed as seen from Highway 1, Scenic Road, and public lands within the Carmel segment and Carmel City Beach. As seen on Map A of the Carmel Area LUP, the subject property is within the general viewshed; however due to intervening residences and mature vegetation, as well as siting and design of the residence the proposed structures will not create any adverse impacts to scenic and visual resources. Key Policy 2.2.2 of the Carmel Area Land Use Plan requires that development be subordinate to the natural scenic character of the area and must conform to the basic viewshed policy of minimum visibility. The proposed residence and will be sited in the same location as the previous residence, which is currently screened by mature trees, and neighboring residences. Staff conducted a site visit on February 18, 2025, and determined that the project would not be visible from any common public viewing area, including Scenic Road, and Highway 1 due to intervening mature vegetation, changes in elevations, and development. Consistent with Policy 2.2.3.1, the proposed development will not detract from the natural beauty of the scenic shoreline and the undeveloped ridgelines and slopes in the public viewshed. Therefore, the proposed project is consistent with the Visual Resources policies of Carmel Area Land Use Plan and would have no impact on visual resources.
- i) Cultural Resources. The project site is in an area identified in County records as having a high archaeological sensitivity and as being within 750 feet of numerous known archaeological resources. In accordance with Carmel Coastal Implementation Plan Section 20.146.090, any new development being proposed within high-sensitivity zones must complete a Phase One Archaeological survey. According to the prepared Phase One Archaeological Survey (County of Monterey Library No. LIB240307), the subject property is within 750 feet of two

archaeological resources, one of which has boundaries that encompass the subject property and surrounding residential area. Surveys conducted in 1951, 1953, and 1996 noted that the resource extended to a depth of at least 18 inches and consisted of “black shell midden” surrounded by sandy loam soils” and sporadic shell deposits. The Project parcel has undergone moderate to high use resulting in moderate to substantial ground disturbance from at least 1934 until present. As designed and sited, the replacement residence and attached garage will have a similar building footprint as the previous structure, involves minimal grading (280 cubic yards of cut, 35 cubic yards of fill), and no tree removal. However, a portion of the proposed residence will be sited within areas only previously disturbed by hardscape and up to 3 feet deep of excavation in the middle of the property is needed to create a level finished floor. During the Project Archaeologist’s pedestrian survey, trowel scrapes and minor shoveling were performed to improve visibility in areas of denser vegetation and to determine the presence or absence of site indicators 0-30 centimeters below ground. According to the prepared Phase One Archaeological Survey (County of Monterey Library No. LIB240307), no site indicators of precolonial cultural activity, such as bone, dense midden soils, dense shell concentrations, stone tools, or flaked stone material, charcoal, or fire-affected rocks were observed and identified during the Project Archaeologist’s pedestrian survey of the project site. Additionally, the auger results of the prepared Geotechnical Investigation (County of Monterey Library No. LIB240308) identified fine to coarse grained sand, which is not indicative of midden soils. Finally, archaeological assessments conducted on adjacent properties were also negative for on-site cultural resource indicators. Therefore, Project Archaeologist found that “proposed Project will have no effect on cultural resources resulting in no adverse impacts on the Environment...[and] Additional archaeological studies are not recommended.” However, due to the presence of resources in the greater Carmel Point Area, and the subject site being within a known archaeological resource boundary, the Project Archaeologist recommended that a qualified archaeologist conduct a pre-construction cultural resources sensitivity training for all project personnel and that an on-call archaeological monitor be retained for the duration of the project to address potential impact. Pursuant to Carmel CIP section 20.146.090.D.2, these recommendations have been implemented as Condition No. 3 (standard) and Condition No. 8 (non-standard). Therefore, as proposed, the potential for inadvertent impacts on cultural resources is limited, and as conditioned, the project will avoid or substantially minimize impacts on archaeological resources (Carmel Area LUP Policy 2.8.3).

- j) Forest Resources. The site is developed with pavers and landscape features and is not heavily forested. No native tree removal is proposed; however, one non-native tree is slated for removal and two five-gallon Monterey Cypress trees are to be replanted (Condition No. 5).
- k) Historical Resources. The existing residence is 91 years old and was constructed in 1934. The prepared Phase 1 Historic Assessment (County of Monterey Library No. LIB240309) confirmed that while the age of the house is over 50 years, the residence retains no historical

significance, its design does not provide any distinctive historical design or style, and is not associated with any specific event that could be considered historical. The existing residence was previously owned by a local couple that has no historical significance. Therefore, the project will not impact historical resources.

- l) Land Use Advisory Committee. The project was referred to the Carmel Highlands Land Use Advisory Committee (LUAC) for review. Based on the LUAC Procedure guidelines adopted by the Monterey County Board of Supervisors, this application did warrant referral to the LUAC because the project involves a Design Approval subject to the consideration by the Zoning Administrator. The Carmel Highlands LUAC voted 5-0 in support of the project.
- m) The application, project plans, and related support materials submitted by the project applicant to Monterey County HCD-Planning for the proposed development found in Project File PLN240143.

2. **FINDING:** **SITE SUITABILITY** – The site is physically suitable for the use proposed.

- EVIDENCE:**
- a) The project has been reviewed for site suitability by the following departments and agencies: HCD-Planning, Cypress Fire Protection District, HCD-Engineering Services, HCD-Environmental Services, and Environmental Health Bureau. There has been no indication from these departments/agencies that the site is not suitable for the proposed development. Conditions recommended have been incorporated.
  - b) Staff identified potential impacts to archaeological, historic resources, and soils/slope stability. The following reports have been prepared:
    - “Geotechnical Investigation for the Proposed Replacement Single Family Residence” (County of Monterey Library No. LIB240308) prepared by Belinda Taluban, Salinas (October 2024).
    - “Historical Evaluation of 2480 Bayview Avenue, Carmel, CA” (County of Monterey Library No. LIB240309) prepared by Margaret Clovis, Salinas (August 2023).
    - “Re: Monterey cypress #531” (County of Monterey Library No. LIB240236) prepared by Amanda Gates, Carmel (January 2024).
    - “Phase 1 Archaeological Assessment” (County of Monterey Library No. LIB240307) prepared by Susan Morley, Marina (March 2024).

The above-mentioned technical reports by outside consultants indicated that there are no physical or environmental constraints that would indicate that the site is not suitable for the use proposed. County staff has independently reviewed these reports and concurs with their conclusions.

- c) Staff conducted a site inspection on February 18, 2025 to verify that the site is suitable for this use.
- d) The application, project plans, and related support materials submitted by the project applicant to the Monterey County HCD - Planning for the proposed development found in Project File PLN240143.

3. **FINDING:** **HEALTH AND SAFETY** - The establishment, maintenance, or operation of the project applied for will not under the circumstances of this particular case be detrimental to the health, safety, peace, morals,

comfort, and general welfare of persons residing or working in the neighborhood of such proposed use. Additionally, the establishment, maintenance, or operation of the project applied for will not under the circumstances of this particular case be detrimental or injurious to property and improvements in the neighborhood or to the general welfare of the County.

- EVIDENCE:**
- a) The project was reviewed by HCD - Planning, Cypress Fire Protection District, HCD- Engineering Services, Environmental Health Bureau, and HCD - Environmental Services. The respective agencies have recommended conditions, where appropriate, to ensure that the project will not have an adverse effect on the health, safety, and welfare of persons either residing or working in the neighborhood.
  - b) Necessary public facilities will continue to be provided. The project site is supplied water by California American Water, which will continue to serve the proposed main residence. Carmel Area Wastewater District will continue to provide wastewater treatment to the main residence via an existing sewer main.
  - c) Staff conducted a site inspection on February 18, 2025 to verify that the site is suitable for this use.
  - d) The application, project plans, and related support materials submitted by the project applicant to the Monterey County HCD - Planning for the proposed development found in Project File PLN240143.

4. **FINDING:** **NO VIOLATIONS** - The subject property is in compliance with all rules and regulations pertaining to zoning uses, subdivision, and any other applicable provisions of the County's zoning ordinance. No violations exist on the property.

- EVIDENCE:**
- a) Staff reviewed Monterey County HCD - Planning and Building Services Department records and is not aware of any violations existing on subject property.
  - b) Staff conducted a site inspection on February 18, 2025 and researched County records to assess if any violation exists on the subject property.
  - c) There are no known violations on the subject parcel.
  - d) The application, plans and supporting materials submitted by the project applicant to Monterey County HCD-Planning for the proposed development are found in Project File PLN240143.

5. **FINDING:** **CEQA (Exempt):** - The project is categorically exempt from environmental review and no unusual circumstances were identified to exist for the proposed project.

- EVIDENCE:**
- a) California Environmental Quality Act (CEQA) Guidelines Section 15302 categorically exempts replacement and reconstruction of existing facilities, such as residences and accessory structures with the proposed structures being located on the same site as the structure replaced, and will have substantially the same purpose and capacity of the structure being replaced.
  - b) The project involves demolition of an existing 2,271 square-foot residence and attached garage, and the construction of a replacement 2,700 square foot single-family dwelling and attached one-car garage; therefore, the Class 2 Categorical Exemption applies.

- c) No adverse environmental effects were identified during staff review of the development application during a site visit on February 18, 2025.
- d) None of the exceptions under CEQA Guidelines Section 15300.2 apply to this project. The project does not involve a designated historical resource, a hazardous waste site, unusual circumstances that would result in a significant effect, or development that would result in a cumulative significant impact. Although the property is located in close proximity to a scenic highway (Highway 1) and in an area illustrated as the “Local Coastal Program General Viewshed” (Map A of the Carmel Area LUP), the proposed development will not be visible from the designated scenic corridor (see Finding No. 1, Evidence “f” and “h”). While the subject property is within 750 feet of known archaeological resources and is encompassed by two archaeological resources that have been identified through previous reports, the subject property does not indicate any resources present through auger testing that has taken place and the pedestrian survey that was conducted. The Archaeological report prepared (County of Monterey Library No. LIB240307) concludes that the proposed project will have no effect on cultural or archaeological resources, and did not recommend further studies be conducted. Condition Nos. 3 and 8 have both been added to assure the protection of cultural and archaeological resources, and reduce any potential impacts as a result from construction and ground disturbance activities. There is no substantial evidence that would support a fair argument that the project has a reasonable possibility of having a significant effect on the environment or that it would result in a cumulative significant impact.
- e) No adverse environmental effects were identified during staff review of the development application during a site visit on February 18, 2025.
- f) The application, project plans, and related support materials submitted by the project applicant to Monterey County HCD-Planning for the proposed development found in Project File PLN240143.

6.        **FINDING:**        **PUBLIC ACCESS** – The project is in conformance with the public access and recreation policies of the Coastal Act (specifically Chapter 3 of the Coastal Act of 1976, commencing with Section 30200 of the Public Resources Code) and applicable Local Coastal Program, and does not interfere with any form of historic public use or trust rights.
- EVIDENCE:**
- a) No public access is required as part of the project as no substantial adverse impact on access, either individually or cumulatively, as described in Section 20.147.130 of the Monterey County Coastal Implementation Plan can be demonstrated.
  - b) No evidence or documentation has been submitted or found showing the existence of historic public use or trust rights over this property.
  - c) The subject property is not described as an area where the Local Coastal Program requires visual or physical public access (Carmel Area, Figure 3, Local Coastal Program Public Access).
  - d) The application, project plans, and related support materials submitted by the project applicant to Monterey County HCD-Planning found in Project File PLN240143.

7. **FINDING:** **APPEALABILITY** – The decision on this project may be appealed to the Board of Supervisors and the California Coastal Commission.
- EVIDENCE:** a) Board of Supervisors. Pursuant to Title 20 section 20.86.030, an appeal may be made to the Board of Supervisors by any public agency or person aggrieved by a decision of an Appropriate Authority other than the Board of Supervisors.
- b) California Coastal Commission. Pursuant to Title 20 section 20.86.080.A, the project is subject to appeal by/to the California Coastal Commission because the site involves a conditionally allowed use (development within 750 feet of known archaeological resources).

**DECISION**

**NOW, THEREFORE**, based on the above findings and evidence, the Monterey County Zoning Administrator does hereby:

1. Find that the project qualifies for a Class 2 Categorical Exemption pursuant to CEQA Guidelines sections 15302 and none of the exceptions pursuant to Section 15300.2 apply; and
2. Approve a Combined Development Permit consisting of: 1) A Coastal Administrative Permit and Design Approval to allow demolition of existing two-story residence and associated site improvements and construction of a 2,700 square-foot single-family dwelling with an attached garage and associated site improvements; and 2) Coastal Development Permit for development within a positive archaeological buffer.

**PASSED AND ADOPTED** this 27<sup>th</sup> day of February, 2025:

DocuSigned by:  
  
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Mike Novo, AICP  
Zoning Administrator

COPY OF THIS DECISION MAILED TO APPLICANT ON MARCH 10, 2025.

THIS APPLICATION IS APPEALABLE TO THE BOARD OF SUPERVISORS.

IF ANYONE WISHES TO APPEAL THIS DECISION, AN APPEAL FORM MUST BE COMPLETED AND SUBMITTED TO THE CLERK TO THE BOARD ALONG WITH THE APPROPRIATE FILING FEE ON OR BEFORE MARCH 20, 2025.

THIS PROJECT IS LOCATED IN THE COASTAL ZONE AND IS APPEALABLE TO THE COASTAL COMMISSION. UPON RECEIPT OF NOTIFICATION OF THE FINAL LOCAL ACTION NOTICE (FLAN) STATING THE DECISION BY THE FINAL DECISION MAKING BODY, THE COMMISSION ESTABLISHES A 10 WORKING DAY APPEAL PERIOD. AN APPEAL FORM MUST BE FILED WITH THE COASTAL COMMISSION. FOR FURTHER INFORMATION, CONTACT THE COASTAL COMMISSION AT (831) 427-4863 OR AT 725 FRONT STREET, SUITE 300, SANTA CRUZ, CA

This decision, if this is the final administrative decision, is subject to judicial review pursuant to California Code of Civil Procedure Sections 1094.5 and 1094.6. Any Petition for Writ of Mandate must be filed with the Court no later than the 90th day following the date on which this decision becomes final.

#### NOTES

1. You will need a building permit and must comply with the Monterey County Building Ordinance in every respect.

Additionally, the Zoning Ordinance provides that no building permit shall be issued, nor any use conducted, otherwise than in accordance with the conditions and terms of the permit granted or until ten days after the mailing of notice of the granting of the permit by the appropriate authority, or after granting of the permit by the Board of Supervisors in the event of appeal.

Do not start any construction or occupy any building until you have obtained the necessary permits and use clearances from Monterey County RMA-Planning and RMA-Building Services Department office in Salinas.

2. This permit expires 3 years after the above date of granting thereof unless construction or use is started within this period.

Form Rev. 5-14-2014

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# County of Monterey HCD Planning

## Conditions of Approval/Implementation Plan/Mitigation Monitoring and Reporting Plan

PLN240143

### 1. PD001 - SPECIFIC USES ONLY

**Responsible Department:** Planning

**Condition/Mitigation Monitoring Measure:** This Combined Development Permit (PLN240143) allows for demolition of an existing two-story residence and attached garage, to be replaced with a 2,699 square foot single family dwelling with one-car attached garage, entry courtyard, utility yard, sunken patio, rear yard patio and firepit, and development within a positive archaeological buffer. The property is located at 2480 Bay View Avenue (Assessor's Parcel Number 009-412-025-000), Carmel Land Use Plan. This permit was approved in accordance with County ordinances and land use regulations subject to the terms and conditions described in the project file. Neither the uses nor the construction allowed by this permit shall commence unless and until all of the conditions of this permit are met to the satisfaction of the Director of HCD - Planning. Any use or construction not in substantial conformance with the terms and conditions of this permit is a violation of County regulations and may result in modification or revocation of this permit and subsequent legal action. No use or construction other than that specified by this permit is allowed unless additional permits are approved by the appropriate authorities. To the extent that the County has delegated any condition compliance or mitigation monitoring to the Monterey County Water Resources Agency, the Water Resources Agency shall provide all information requested by the County and the County shall bear ultimate responsibility to ensure that conditions and mitigation measures are properly fulfilled. (HCD - Planning)

**Compliance or Monitoring Action to be Performed:** The Owner/Applicant shall adhere to conditions and uses specified in the permit on an on-going basis unless otherwise stated.

## 2. PD002 - NOTICE PERMIT APPROVAL

**Responsible Department:** Planning

**Condition/Mitigation Monitoring Measure:** The applicant shall record a Permit Approval Notice. This notice shall state:  
"A Combined Development Permit (Resolution Number 25-011) was approved by Monterey County Zoning Administrator for Assessor's Parcel Number 009-412-025-000 on February 27, 2025. The permit was granted subject to 10 conditions of approval which run with the land. A copy of the permit is on file with Monterey County HCD - Planning."

Proof of recordation of this notice shall be furnished to the Director of HCD - Planning prior to issuance of grading and building permits, Certificates of Compliance, or commencement of use, whichever occurs first and as applicable. (HCD - Planning)

**Compliance or Monitoring Action to be Performed:** Prior to the issuance of grading and building permits, certificates of compliance, or commencement of use, whichever occurs first and as applicable, the Owner/Applicant shall provide proof of recordation of this notice to the HCD - Planning.

### 3. PD003(B) - CULTURAL RESOURCES POSITIVE ARCHAEOLOGICAL REPORT

**Responsible Department:** Planning

**Condition/Mitigation Monitoring Measure:** If archaeological resources or human remains are accidentally discovered during construction, the following steps will be taken:

There shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent human remains until the coroner of the county in which the remain are discovered must be contacted to determine that no investigation of the cause of death is required.

If the coroner determines the remains to be Native American:

- The coroner shall contact the Native American Heritage Commission and HCD - Planning within 24 hours.
- The Native American Heritage Commission shall identify the person or persons from a recognized local tribe of the Esselen, Salinan, Costonoans/Ohlone and Chumash tribal groups, as appropriate, to be the most likely descendant.
- The most likely descendant may make recommendations to the landowner or the person responsible for the excavation work, for means of treating or disposing of, with appropriate dignity, the human remains and any associated grave goods as provided in Public Resources Code Section 5097.9 and 5097.993, Or

Where the following conditions occur, the landowner or his authorized representatives shall rebury the Native American human remains and associated grave goods with appropriate dignity on the property in a location not subject to further subsurface disturbance:

1. The Native American Heritage Commission is unable to identify a most likely descendant or the most likely descendant failed to make a recommendation within 24 hours after being notified by the commission.
2. The descendant identified fails to make a recommendation; or
3. The landowner or his authorized representative rejects the recommendation of the descendant, and the mediation by the Native American Heritage Commission fails to provide measures acceptable to the landowner.

(HCD - Planning)

**Compliance or Monitoring Action to be Performed:** Prior to the issuance of grading or building permits or approval of Subdivision Improvement Plans, whichever occurs first, the Owner/Applicant, per the archaeologist, shall submit the contract with a Registered Professional Archaeologist for on-call archaeological services should resources be discovered during construction activities. Submit the letter to the Director of the HCD – Planning for approval.

Prior to the issuance of grading or building permits and/or prior to the recordation of the final/parcel map, whichever occurs first, the Owner/Applicant shall include requirements of this condition as a note on all grading and building plans.

On an on-going basis, if archaeological resources are unexpectedly discovered during construction, work shall be halted on the parcel until the find can be evaluated and a plan of action formulated and implemented, with the concurrence of HCD-Planning. Data recovery shall be implemented during the construction and excavation monitoring. If intact archaeological features are exposed, they shall be screened for data recovery using the appropriate method for site and soil conditions.

Prior to Final, the Owner/Applicant, per the Archaeologist, shall submit a report or letter from the archaeologist summarizing their methods, findings, and recommendations if their services are needed during construction or if no resources were found.

#### 4. PD041 - HEIGHT VERIFICATION

**Responsible Department:** Planning

**Condition/Mitigation Monitoring Measure:** The applicant shall have a benchmark placed upon the property and identify the benchmark on the building plans. The benchmark shall remain visible on-site until final building inspection. The applicant shall provide evidence from a licensed civil engineer or surveyor to the Director of HCD - Building Services for review and approval, that the height of the structure(s) from the benchmark is consistent with what was approved on the building permit associated with this project. (HCD - Planning and HCD - Building Services)

**Compliance or Monitoring Action to be Performed:** Prior to the issuance of grading or building permits, the Owner/Applicant shall have a benchmark placed upon the property and identify the benchmark on the building plans. The benchmark shall remain visible onsite until final building inspection.

Prior to the foundation pre-pour inspection, the Owner/Applicant shall provide evidence from a licensed civil engineer or surveyor, to the Director of HCD - Building Services for review and approval, that the height of first finished floor from the benchmark is consistent with what was approved on the building permit.

Prior to the final inspection, the Owner/Applicant/Engineer shall provide evidence from a licensed civil engineer or surveyor, to the Director of HCD - Building Services for review and approval, that the height of the structure(s) from the benchmark is consistent with what was approved on the building permit.

## 5. PD048 - TREE REPLACEMENT/RELOCATION

**Responsible Department:** Planning

**Condition/Mitigation Monitoring Measure:** Within 60 days of permit approval, the applicant shall replace and or relocate each tree approved for removal as follows:

- Replacement ratio: Replant 2 five-gallon Monterey Cypress

Replacement tree(s) shall be located within the same general location as the tree being removed. (HCD - Planning)

**Compliance or Monitoring Action to be Performed:** The Owner/Applicant shall submit evidence of tree replacement to HCD -Planning for review and approval. Evidence shall be a receipt for the purchase of the replacement tree(s) and photos of the replacement tree(s) being planted.

Six months after the planting of the replacement tree(s), the Owner/Applicant shall submit evidence demonstrating that the replacement tree(s) are in a healthy, growing condition.

One year after the planting of the replacement tree(s), the Owner/Applicant shall submit a letter prepared by a County-approved tree consultant reporting on the health of the replacement tree(s) and whether or not the tree replacement was successful or if follow-up remediation measures or additional permits are required.

## 6. PW0044 - CONSTRUCTION MANAGEMENT PLAN

**Responsible Department:** Public Works

**Condition/Mitigation Monitoring Measure:** The applicant shall submit a Construction Management Plan (CMP) to HCD-Planning and HCD-Engineering Services for review and approval. The CMP shall include measures to minimize traffic impacts during the construction/grading phase of the project.

CMP shall include, at a minimum, duration of the construction, hours of operation, truck routes, estimated number of truck trips that will be generated, number of construction workers, and on-site/off-site parking areas for equipment and workers and locations of truck staging areas. Approved measures included in the CMP shall be implemented by the applicant during the construction/grading phase of the project. (Public Works)

**Compliance or Monitoring Action to be Performed:** 1. Prior to issuance of the Grading Permit or Building Permit, Owner/Applicant/Contractor shall prepare a CMP and shall submit the CMP to the HCD-Planning and HCD- Engineering Services for review and approval.

2. On-going through construction phases Owner/Applicant/Contractor shall implement the approved measures during the construction/grading phase of the project.

## 7. PD014(A) - LIGHTING - EXTERIOR LIGHTING PLAN

**Responsible Department:** Planning

**Condition/Mitigation Monitoring Measure:** All exterior lighting shall be unobtrusive, down-lit, harmonious with the local area, and constructed or located so that only the intended area is illuminated and off-site glare is fully controlled. The lighting source shall be shielded and recessed into the fixture. The applicant shall submit three (3) copies of an exterior lighting plan which shall indicate the location, type, and wattage of all light fixtures and include catalog sheets for each fixture. The lighting shall comply with the requirements of the California Energy Code set forth in California Code of Regulations Title 24 Part 6. The exterior lighting plan shall be subject to approval by the Director of HCD - Planning, prior to the issuance of building permits.  
(HCD - Planning)

**Compliance or Monitoring Action to be Performed:** Prior to the issuance of building permits, the Owner/Applicant shall submit three copies of the lighting plans to HCD - Planning for review and approval. Approved lighting plans shall be incorporated into final building plans.

Prior to final/occupancy, the Owner/Applicant/Contractor shall submit written and photographic evidence demonstrating that the lighting has been installed according to the approved plan.

On an on-going basis, the Owner/Applicant shall ensure that the lighting is installed and maintained in accordance with the approved plan.

## 8. PDSP001 - CULTURAL RESOURCES SENSITIVITY TRAINING

**Responsible Department:** Planning

**Condition/Mitigation Monitoring Measure:** To reduce potential impacts on cultural resources that may be discovered during ground disturbing and construction activities, a qualified archaeological (i.e., an archaeologist registered with the Register of Professional Archaeologists [RPA] or a Registered Archaeologist [RA] under the supervision of an RPA) shall be retained to prepare and conduct a pre-construction cultural resources training program with all construction crew and serve as an on-call monitor for the duration of all project-related ground-disturbing activities. The purpose of the pre-construction cultural resources training program shall be to train the construction and demolition crew on how to identify potential cultural resources, and procedures for if previously unknown cultural resources are identified during construction operations. If at any time, potentially significant archaeological resources or intact features are discovered, Condition of Approval PD003(B) shall be adhered to. The Archaeological Monitor shall review and evaluate any inadvertent discoveries to determine if they are historical resource(s) and/or unique archaeological resources or tribal cultural resources. If the Archaeological Monitor determines that any cultural resources exposed during construction constitute a historical resource and /or unique archaeological resource or tribal cultural resource under CEQA, he/she shall notify the project proponent and other appropriate parties of the evaluation. The Professional Archaeologist shall recommend mitigation measures to mitigate to a less than significant impact in accordance with California Public Resources Code Section 15064.5. The contract shall require that the Archaeological Monitor keep a log of inadvertent discoveries and submit a final report summarizing compliance actions with HCD-Planning.

**Compliance or Monitoring Action to be Performed:** Prior to the issuance of permits from Building Services, the Applicant/Owner shall submit to HCD-Planning a copy of the contract between the Applicant/Owner and a qualified archaeologist. The contract shall include the requirements of this condition and specify that the archaeologist will prepare and conduct a pre -construction cultural resources training for all construction crew. The contract shall also specify that the archaeologist will be retained on an "on-call" basis for all ground disturbing construction to review, identify, and evaluate cultural resources that may be inadvertently exposed during construction (Condition No. 3).

Prior to initial ground disturbance, the Applicant/Owner shall submit evidence to HCD-Planning demonstrating that the pre-construction cultural resources training meeting occurred as required by this condition. Such evidence shall be in the form of a letter from the qualified archaeologist and a list of attendees.

**9. PD012(D) - LANDSCAPE PLAN & MAINTENANCE (MPWMD-SFD ONLY)**

**Responsible Department:** Planning

**Condition/Mitigation Monitoring Measure:** The site shall be landscaped. Prior to the issuance of building permits, three (3) copies of a landscaping plan shall be submitted to the Director of HCD - Planning . A landscape plan review fee is required for this project. Fees shall be paid at the time of landscape plan submittal. The landscaping plan shall be in sufficient detail to identify the location, species, and size of the proposed landscaping materials and shall include an irrigation plan. The plan shall be accompanied by a nursery or contractor's estimate of the cost of installation of the plan. Before occupancy, landscaping shall be either installed or a certificate of deposit or other form of surety made payable to Monterey County for that cost estimate shall be submitted to the Monterey County HCD - Planning. All landscaped areas and fences shall be continuously maintained by the applicant; all plant material shall be continuously maintained in a litter-free, weed-free, healthy, growing condition. (HCD - Planning)

**Compliance or Monitoring Action to be Performed:** Prior to issuance of building permits, the Owner/Applicant/Licensed Landscape Contractor/Licensed Landscape Architect shall submit landscape plans and contractor's estimate to HCD - Planning for review and approval. Landscaping plans shall include the recommendations from the Forest Management Plan or Biological Survey as applicable. All landscape plans shall be signed and stamped by licensed professional under the following statement, "I certify that this landscaping and irrigation plan complies with all Monterey County landscaping requirements including use of native, drought-tolerant, non-invasive species; limited turf; and low-flow, water conserving irrigation fixtures."

Prior to issuance of building permits, the Owner/Applicant/Licensed Landscape Contractor/Licensed Landscape Architect shall submit one (1) set landscape plans of approved by HCD-Planning, a Maximum Applied Water Allowance (MAWA) calculation, and a completed "Residential Water Release Form and Water Permit Application" to the Monterey Peninsula Water Management District for review and approval.

Prior to issuance of building permits, the Owner/Applicant/Licensed Landscape Contractor/ shall submit an approved water permit from the MPWMD to HCD-Building Services.

Prior to occupancy, the Owner/Applicant/Licensed Landscape Contractor/Licensed Landscape Architect shall ensure that the landscaping shall be either installed or a certificate of deposit or other form of surety made payable to Monterey County for that cost estimate shall be submitted to Monterey County HCD - Planning.

On an on-going basis, all landscaped areas and fences shall be continuously maintained by the Owner/Applicant; all plant material shall be continuously maintained in a litter-free, weed-free, healthy, growing condition.

## 10. PD011 - TREE AND ROOT PROTECTION

**Responsible Department:** Planning

**Condition/Mitigation Monitoring Measure:** Trees which are located close to construction site(s) shall be protected from inadvertent damage from construction equipment by fencing off the canopy driplines and/or critical root zones (whichever is greater) with protective materials, wrapping trunks with protective materials, avoiding fill of any type against the base of the trunks and avoiding an increase in soil depth at the feeding zone or drip-line of the retained trees. Said protection, approved by certified arborist, shall be demonstrated prior to issuance of building permits subject to the approval of HCD - Director of Planning. If there is any potential for damage, all work must stop in the area and a report, with mitigation measures, shall be submitted by certified arborist. Should any additional trees not included in this permit be harmed, during grading or construction activities, in such a way where removal is required, the owner/applicant shall obtain required permits. (HCD - Planning)

**Compliance or Monitoring Action to be Performed:** Prior to issuance of grading and/or building permits, the Owner/Applicant shall submit evidence of tree protection to HCD - Planning for review and approval.

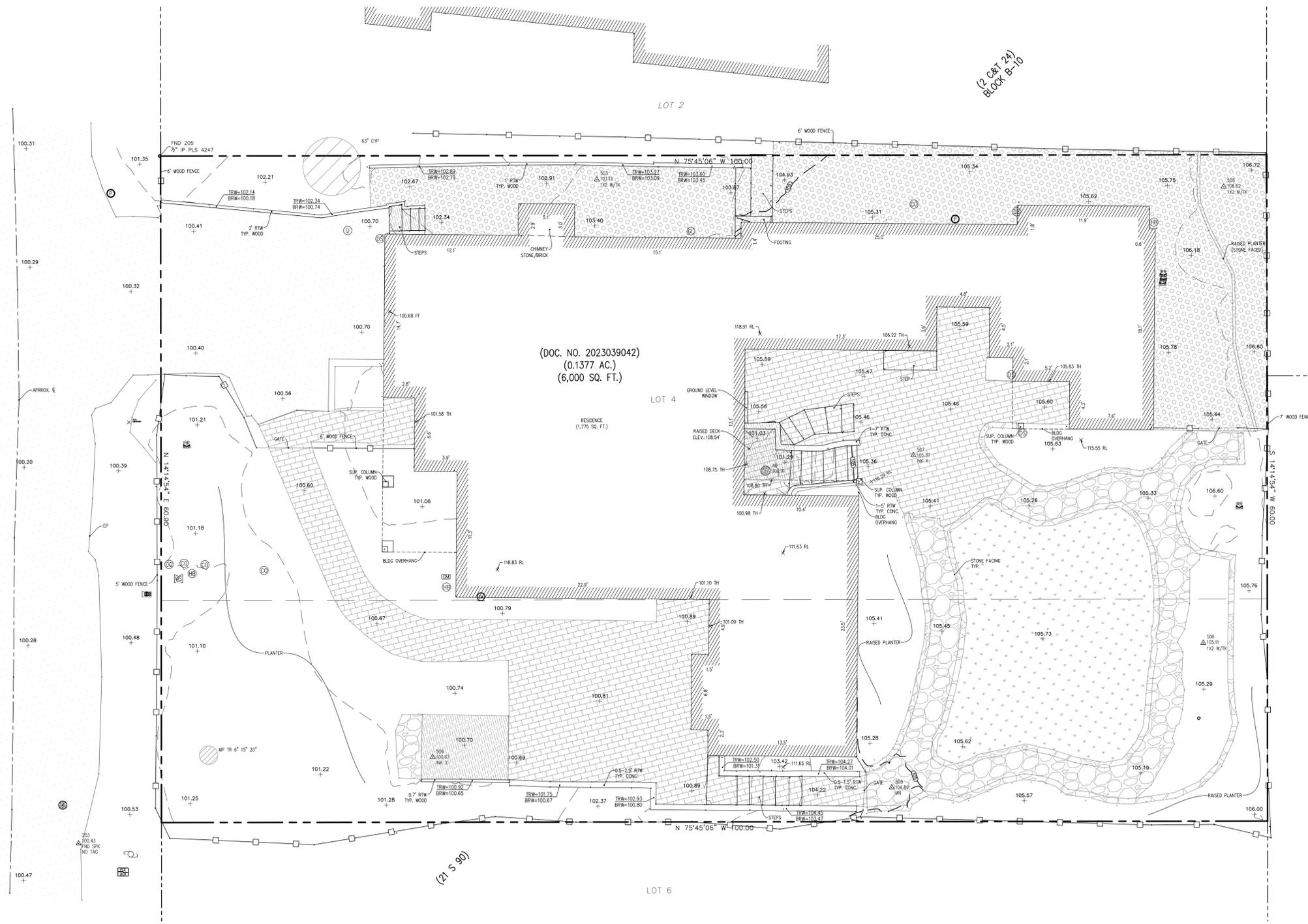
During construction, the Owner/Applicant/Arborist shall submit on-going evidence that tree protection measures are in place through out grading and construction phases. If damage is possible, submit an interim report prepared by a certified arborist.

Prior to final inspection, the Owner/Applicant shall submit photos of the trees on the property to HCD-Planning after construction to document that tree protection has been successful or if follow-up remediation or additional permits are required.

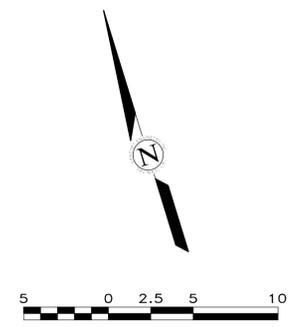
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BAY VIEW AVENUE  
(A 40' WIDE COUNTY ROAD)



(DOC. NO. 2023039042)  
(0.1377 AC.)  
(6,000 SQ. FT.)



**LEGEND:**

---	PROPERTY BOUNDARY	⊙	CONDUIT	⊗	LANDSCAPE LIGHT	100.00	SPOT ELEVATION
- - -	ADJACENT PROPERTY BOUNDARY	⊚	CLEANOUT	⊛	STREETLIGHT	X100.00 RL	RIDGELINE
---	ORIGINAL PROPERTY BOUNDARY	⊛	DOWNSPOUT	⊜	PG&E BOX	X100.00 FF	FINISHED FLOOR
- - -	EASEMENT (TYPE AS SHOWN)	⊜	ELECTRICAL HUB	⊜	PG&E GAS MANHOLE	X100.00 TH	THRESHOLD
---	ROADWAY CENTERLINE	⊜	ELECTRIC METER	⊜	PIPE	⊙	TREE (TYPE/SIZE AS MARKED) SYMBOL CENTER IS APPROX CENTER OF TREE
---	MAJOR CONTOUR LINE (5' INTERVAL)	⊜	ELECTRICAL OUTLET	⊜	STORM DRAIN MANHOLE		
---	MINOR CONTOUR LINE (1' INTERVAL)	⊜	ELECTRICAL PANEL	⊜	SANITARY SEWER CLEANOUT		
---	FENCE	⊜	ELECTRIC MANHOLE	⊜	SANITARY SEWER MANHOLE		
▭	ASPHALT CONCRETE	⊜	FUSEBOX	⊜	TELEPHONE BOX		
▭	BRICK	⊜	GAS LINE	⊜	UNKNOWN UTILITY		
▭	GRASS	⊜	GAS METER	⊜	UTILITY HUB		
▭	GRAVEL	⊜	GAS VALVE	⊜	UTILITY POLE		
▭	STONE	⊜	GUY WIRE	⊜	WATER METER		
▭	WOOD	⊜	HOSE BIB	⊜	WATER SERVICE		
▭	NATURAL GROUND SURFACE/ LANDSCAPED AREA	⊜	FIRE HYDRANT	⊜	WATER VALVE		
		⊜	IRRIGATION CONTROL VALVE	⊜	FOUND MONUMENT (TYPE NOTED)		
		⊜	IRRIGATION BOX	⊜	SURVEY H&V CONTROL POINT		

**ABBREVIATIONS:**

AC	= ASPHALT CONCRETE	FND	= FOUND
AD	= AREA DRAIN	FTN	= FOUNTAIN
BLDC	= BUILDING	GEN	= GENERATOR
BRK	= BRICK	GR	= GRATE
BRKR	= BREAKER	GRID	= GROUND
BSW	= BACK OF SIDEWALK	GT	= GATE
CB	= CATCH BASIN	H	= HOLLY
CE	= CEDAR	MON	= MONUMENT
CHK VLV	= CHECK VALVE	MTL	= METAL
CHLNK	= CHAINLINK	O	= OAK
CL	= CENTERLINE	PA	= PALM
CMU	= CONCRETE MASONRY UNIT	PE	= PEPPER
CONC	= CONCRETE	P	= PINE
CTL	= CONTROL	PLST	= PLASTIC
CW	= COTTON WOOD	R	= REDWOOD
CYP	= CYPRESS	RL	= RIDGE LINE
DG	= DECOMPOSED GRANITE	RW	= RETAINING WALL
DK	= TOP OF DECK	SAT	= SATELLITE
E	= EUCALYPTUS	STN	= STONE
ELEC	= ELECTRIC	STP	= STEP
EP	= EDGE OF PAVEMENT	SYS	= SYSTEMS
ESMT	= EASEMENT	TH	= THRESHOLD
FDC	= FIRE DEPARTMENT CONNECTION	TR	= TREE
FF	= FINISHED FLOOR	TYP	= TYPICAL
FL	= FLOWLINE	UTIL	= UTILITY
FNC	= FENCE	VGUT	= V-GUTTER
		W	= WILLOW
		WD	= WOOD

- GENERAL NOTES:**
- ELEVATIONS ARE BASED ON AN ASSUMED DATUM. PROJECT BENCHMARK IS SURVEY H&V CONTROL POINT #500, A MAGNETIC NAIL LOCATED 5' SOUTHERLY AND 25' WESTERLY PROPERTY CORNER, ELEVATION = 100.00' AS SHOWN.
  - NOT ALL UNDERGROUND UTILITIES WERE LOCATED. ONLY VISIBLE FACILITIES ABOVE AND FLUSH WITH THE SURFACE ARE SHOWN. SUB-SURFACE UTILITY LINES DRAWN MAY NOT BE COMPLETE AND SHOULD BE VERIFIED BY FIELD RECONNAISSANCE. UNDERGROUND UTILITY LOCATIONS CAN BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANIES, PUBLIC AGENCIES, OWNER'S AS-BUILT DRAWINGS, ETC., AND SHOULD BE THOROUGHLY COMPILED AND DEEMED COMPLETE WITHIN THE PROJECT AREA PRIOR TO ANY SITE DEVELOPMENT DESIGN AND/OR CONSTRUCTION.
  - TREE TYPES ARE INDICATED WHEN KNOWN. TREE DIAMETERS ARE LABELED IN INCHES AS MEASURED AT 3' ABOVE THE GROUND. SYMBOL IS APPROXIMATE CENTER OF TREE. TREES SMALLER THAN 6" ARE NOT SHOWN.
  - THIS MAP PORTRAYS THE SITE AT THE TIME OF THE SURVEY (12/13/23) AND DOES NOT SHOW SOILS OR GEOLOGY INFORMATION, UNDERGROUND CONDITIONS, EASEMENTS, ZONING OR REGULATORY INFORMATION OR ANY OTHER ITEMS NOT SPECIFICALLY REQUESTED BY THE PROPERTY OWNER AND/OR THEIR REPRESENTATIVES.
  - BUILDING CORNERS SHOWN WERE LOCATED AT THE OUTERMOST FACE OF TRIM. DIMENSIONS SHOWN REPRESENT THE BUILDING AT GROUND LEVEL. SQUARE FOOTAGE WAS CALCULATED USING THE OUTERMOST BUILDING FOOTPRINT AS MEASURED. BUILDING OVERHANG(S) ARE NOT SHOWN.
  - THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY. PROPERTY LINES SHOWN HEREON WERE COMPILED FROM RECORD INFORMATION AND FROM FIELD TIES TO EXISTING BOUNDARY MONUMENTATION. THE LOCATION OF THESE LINES IS SUBJECT TO PENDING THE RESULTS OF A COMPLETE BOUNDARY SURVEY.
  - STRUCTURES AND/OR ACCOMPANYING ELEVATIONS SHOWN ON ADJACENT LOTS LOCATED WITHIN 15' OF THE SUBJECT PROPERTY BOUNDARIES ARE APPROXIMATE ONLY AND MAY NOT BE COMPLETE DUE TO RESTRICTED PHYSICAL ACCESS.

**CONTACT INFORMATION:**  
CLIENT:  
CANNING PROPERTIES GROUP  
ATTN: MR. NIC CANNING  
3775 VIA NONA MARIE, SUITE 100  
CARMEL, CA 93923

**SITE LOCATION:**  
2480 BAY VIEW AVENUE  
CARMEL, CA 93923

APN: 009-412-025  
**TOPOGRAPHIC MAP**  
OF  
**THAT CERTAIN PARCEL DESCRIBED IN DOCUMENT NO. 2023039042**  
**OFFICIAL RECORDS OF MONTEREY COUNTY**  
**CARMEL, CALIFORNIA**  
FOR  
CANNING PROPERTIES GROUP

SCALE: 1" = 5'
DATE: JAN 2024
JOB NO. 2738-01
SHEET 1
OF 1 SHEETS

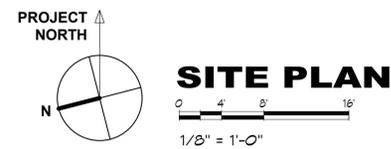
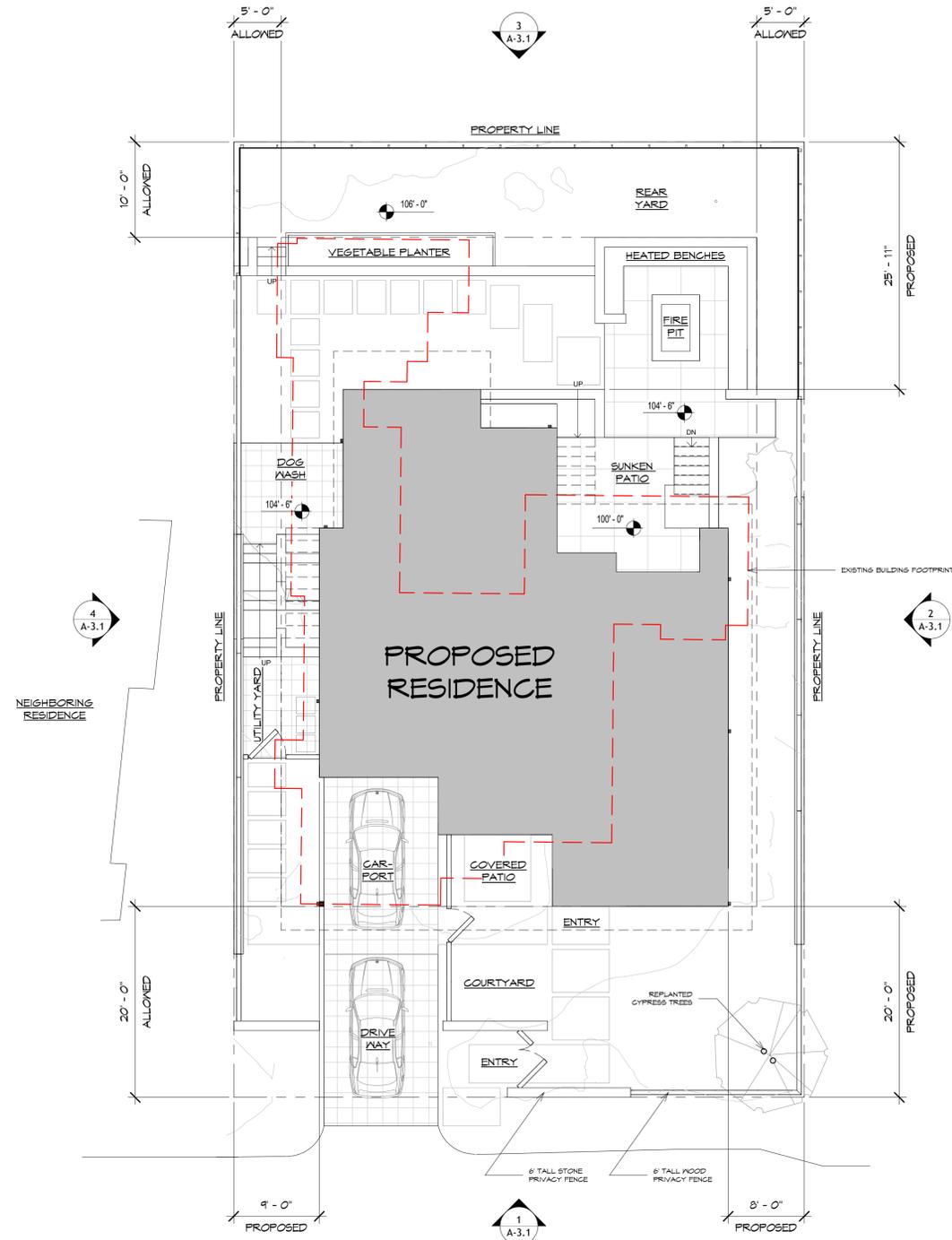
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			REVISION

APPROVED BY:  
GUY R. GIRALDO  
PLS. No. 8703

PROFESSIONAL LAND SURVEYOR \* MONTEREY COUNTY \* CALIFORNIA  
EXPIRES 12-31-23

**LANDSET**  
ENGINEERS, INC.  
530 S. Coast Highway, Carmel, CA 93907  
Office (831) 443-6970 Fax (831) 443-3901  
www.landseteng.com

10/15/2024 3:43:57 PM J:\23 Jobs\2313 Searle\Drawings\Site\SitePlan.dwg - User: Lmiller - Computer: Lmiller  
 THE USE OF THESE DRAWINGS AND SPECIFICATIONS IS SOLELY RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED. PUBLICATION IS EXPRESSLY LIMITED TO SUCH USE. REPRODUCTION OR PUBLICATION BY ANY MEANS, IN WHOLE OR IN PART, IS STRICTLY PROHIBITED - TITLE TO THESE DRAWINGS AND SPECIFICATIONS REMAINS WITH THE ARCHITECT WITHOUT PREJUDICE. VISUAL CONTACT WITH THESE DRAWINGS & SPECIFICATIONS SHALL CONSTITUTE FIRM POLICE OFFENSE OF ACCEPTANCE OF THESE RESTRICTIONS.



BAY VIEW AVENUE

REVISION	No.

CONSULTANT:

ARCHITECT  
**ERIC MILLER ARCHITECTS, INC.**  
 211 HOFFMAN AVENUE MONTEREY, CA 93940  
 PHONE (831) 372-0410 • FAX (831) 372-7840 • WEB: www.ericmillerarchitects.com

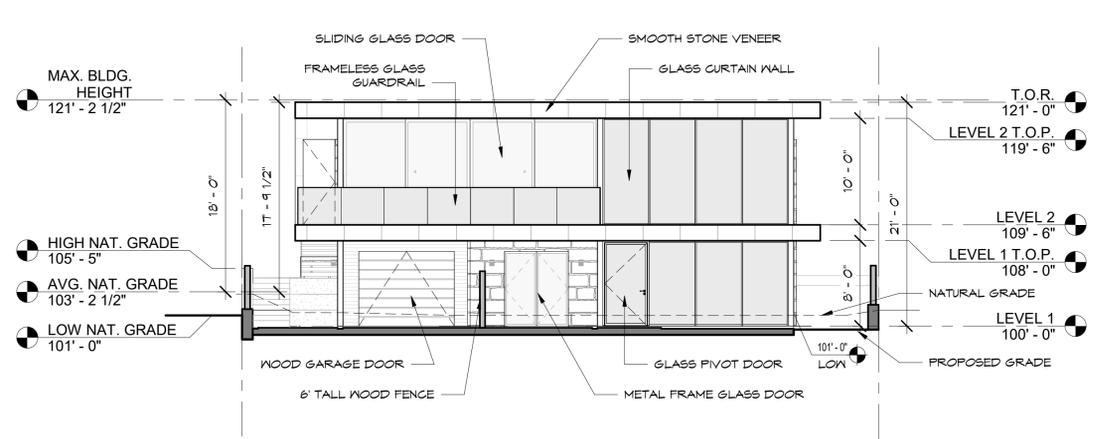
**SITE PLAN**  
 Job Name: **Searle Residence**  
 2480 Bay View Avenue  
 Carmel, CA 93923  
 009-412-025-000

DATE: 10/15/2024  
 SCALE: 1/8" = 1'-0"  
 DRAWN: HRM  
 JOB NO. 23.13

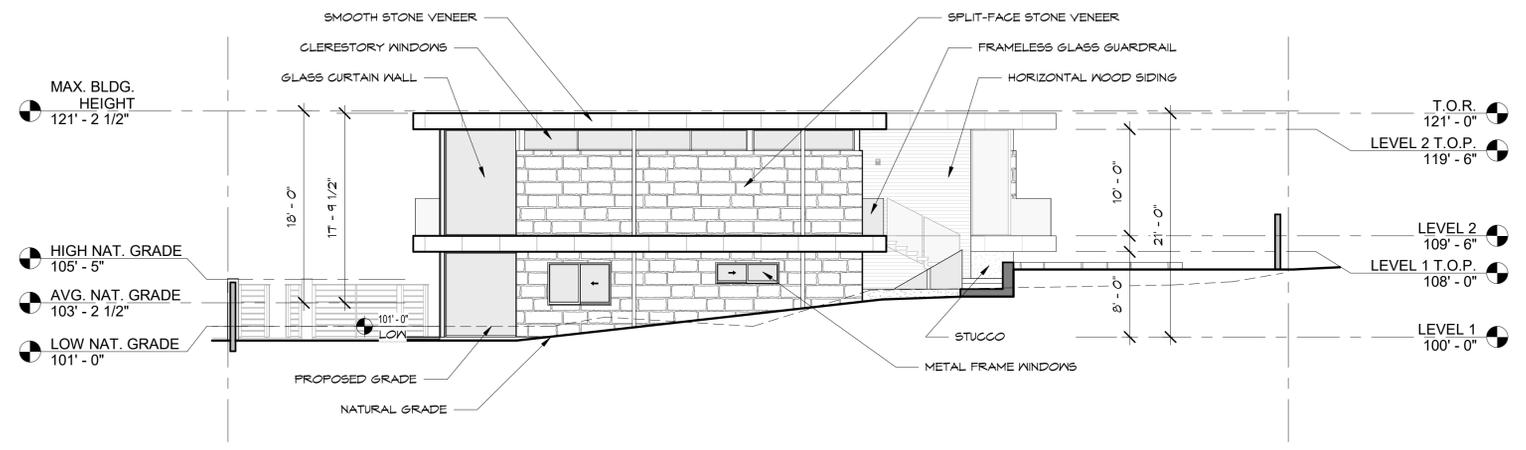
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 SHEET OF



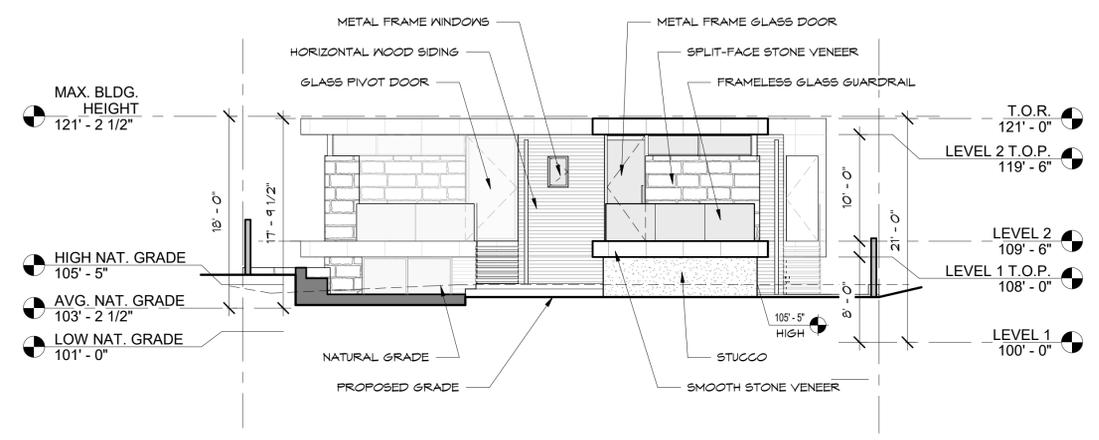
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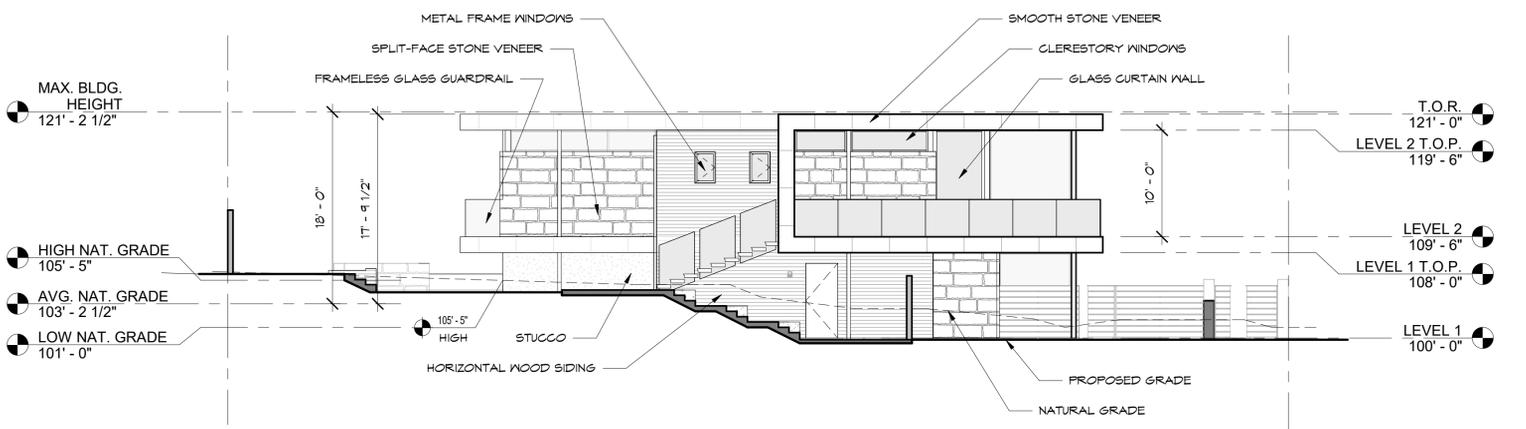
**1 SOUTH ELEVATION**  
 1/8" = 1'-0"



**2 EAST ELEVATION**  
 1/8" = 1'-0"



**3 NORTH ELEVATION**  
 1/8" = 1'-0"



**4 WEST ELEVATION**  
 1/8" = 1'-0"

REVISION	No.

CONSULTANT:

ARCHITECT  
**ERIC MILLER ARCHITECTS, INC.**  
 211 HOFFMAN AVENUE MONTEREY, CA 93940  
 PHONE (831) 372-0410 • FAX (831) 372-7840 • WEB: www.ericmillerarchitects.com

ELEVATIONS

Job Name: **Searle Residence**  
 2480 Bay View Avenue  
 Carmel, CA 93923  
 009-412-025-000

DATE: 10/15/2024  
 SCALE: 1/8" = 1'-0"  
 DRAWN: HRM  
 JOB NO. 23.13

**A-3.1**  
 SHEET OF

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DRAIN COVER - URBAN ACCESSORIES  
"OPCB" IN BRONZE



TRENCH GRATE - URBAN ACCESSORIES  
"FLOW" IN BRONZE



FRAMELESS GLASS RAIL



Balanced  
S-214 Base A  
P-214 Light Base  
214,203,193 61

SMOOTH BEIGE STUCCO



RUBBER MEMBRANE ROOF

**10 DRAIN COVERS**

**7 GLASS RAILING**

**4 STUCCO**

**1 FLAT ROOF**



RECESSED DOWN LIGHT  
STAINLESS STEEL  
7W LED



WALL SCONCE  
BRONZE BRUSHED  
6.6W LED



STONE PATIO & FLOOR



FAVERS - BASALITE  
ITALIAN RENAISSANCE, VERONA



STEPPING STONES



METAL FRAME WINDOWS



MINIMAL FRAME SLIDING  
GLASS DOOR



METAL FRAME  
PIVOT DOOR



SMOOTH STONE VENEER



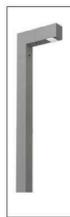
SPLIT FACE STONE VENEER

**11 EXTERIOR LIGHTING**

**8 STONE FLOOR & PAVERS**

**5 DOORS & WINDOWS**

**2 STONE VENEER**



PATH DOWNLIGHT  
STAINLESS STEEL FINISH  
3W LED



WALL DOWNLIGHT  
STAINLESS STEEL FINISH  
3W LED



DRIVEWAY SURFACE DOWNLIGHT  
STAINLESS STEEL FINISH  
3W LED



HORIZONTAL TEAK FENCE



EXTERIOR STEPS & FIREPIT WITH HEATED BENCHES



MANUFACTURER: CARRIAGE HOUSE  
STYLE: "KONA" IN DOUGLAS FIR AND BRONZE



WHITE OAK CEILING & SOFFIT



HORIZONTAL TEAK SIDING

**12 LANDSCAPE LIGHTING**

**9 SITE WORK**

**6 GARAGE DOOR**

**3 WOOD SIDING & SOFFIT**

REVISION	No.

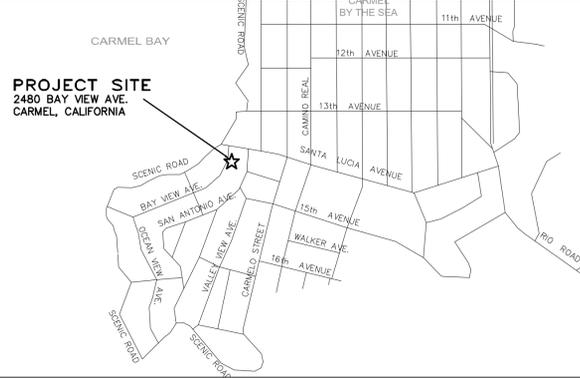
CONSULTANT:

ARCHITECT  
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 PHONE (831) 372-0410 • FAX (831) 372-7840 • WEB: www.ericmillerarchitects.com

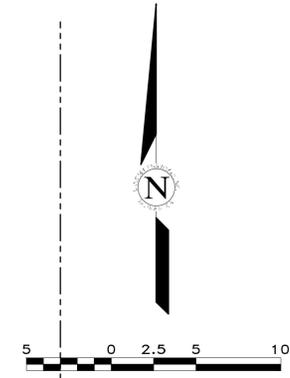
MATERIAL SAMPLES  
 Job Name: **Searle Residence**  
 2480 Bay View Avenue  
 Carmel, CA 93923  
 009-412-025-000

DATE:	10/15/2024
SCALE:	N.T.S.
DRAWN:	HRM
JOB NO.:	23.13





**VICINITY MAP**  
NOT TO SCALE

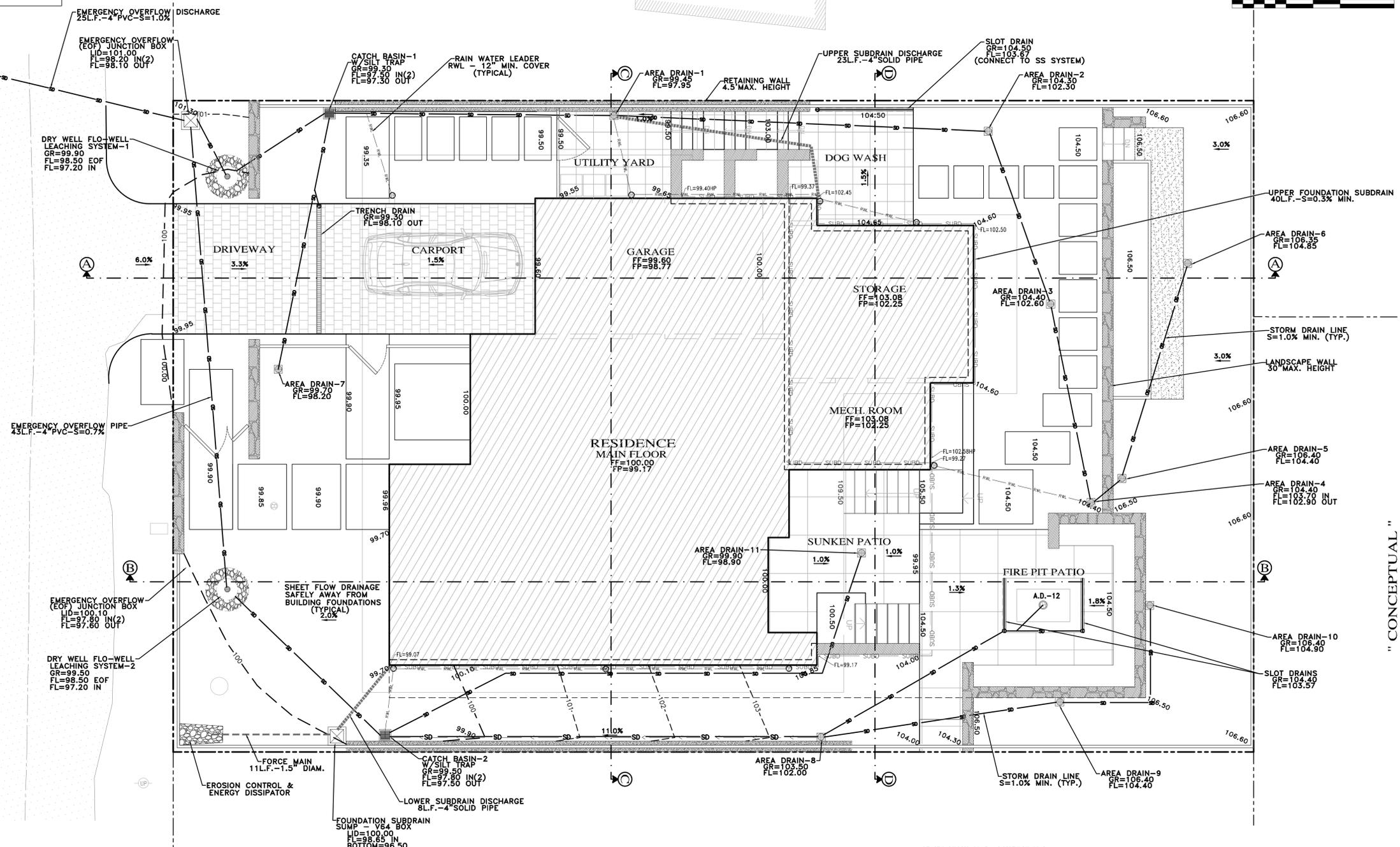


EXISTING CATCH BASIN CITY'S STORM SYSTEM  
GR=99.48±  
FL=97.85 IN(N)  
FL=97.48±(E)

CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF EXISTING CITY'S S.D. LINE & NOTIFY ENGINEER OF ANY SITE CONFLICTS

PROJECT BENCHMARK CTRL. PT #500  
ELEV.=100.00

EXISTING CATCH BASIN CITY'S STORM SYSTEM  
GR=99.75±



**STORM WATER CONTROL NOTES:**

- 1) ALL WORK SHALL BE IN COMPLIANCE WITH THE POST-CONSTRUCTION STORM WATER MANAGEMENT REQUIREMENTS FOR DEVELOPMENT PROJECTS IN THE CENTRAL COAST REGION, CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, RESOLUTION No. R3-2013-0032, ATTACHMENT 1.
- 2) THIS PROJECT WILL CREATE AND/OR REPLACE 2,775 SQ.FT. OF IMPERVIOUS SURFACES (COLLECTIVELY OVER THE ENTIRE PROJECT).
- 3) PER POST-CONSTRUCTION REQUIREMENTS RESOLUTION R3-2013-0032, CHAPTER B, THIS PROJECT IS A REGULATED PROJECT PERFORMANCE REQUIREMENT No. 1 - SITE DESIGN AND RUNOFF REDUCTION.

TOTAL LOT AREA = 6,000 SQ.FT.  
TOTAL IMPERVIOUS AREA = 2,775 SQ.FT.  
TOTAL AREA OF DISTURBANCE = 5,900 SQ.FT.

GRADING QUANTITIES:  
CUT = 280 C.Y.  
FILL = 35 C.Y.  
NET = 245 C.Y. EXPORT

**INDEX TO SHEETS**

SHEET C1	CONCEPTUAL GRADING, DRAINAGE & UTILITY PLAN
SHEET C2	GRADING SECTIONS
SHEET C3	EROSION CONTROL PLAN
SHEET C4	CONSTRUCTION MANAGEMENT PLAN

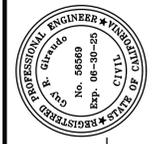
"CONCEPTUAL"  
"GRADING, DRAINAGE & UTILITY PLAN"

**GRADING, DRAINAGE & EROSION CONTROL PLAN**

OF  
**SEARLE RESIDENCE**  
A.P.N.: 009-412-025  
FOR  
CITY OF CARMEL, MONTEREY COUNTY, CALIFORNIA  
MR. & MRS. PHILLIP AND BANU SEARLE

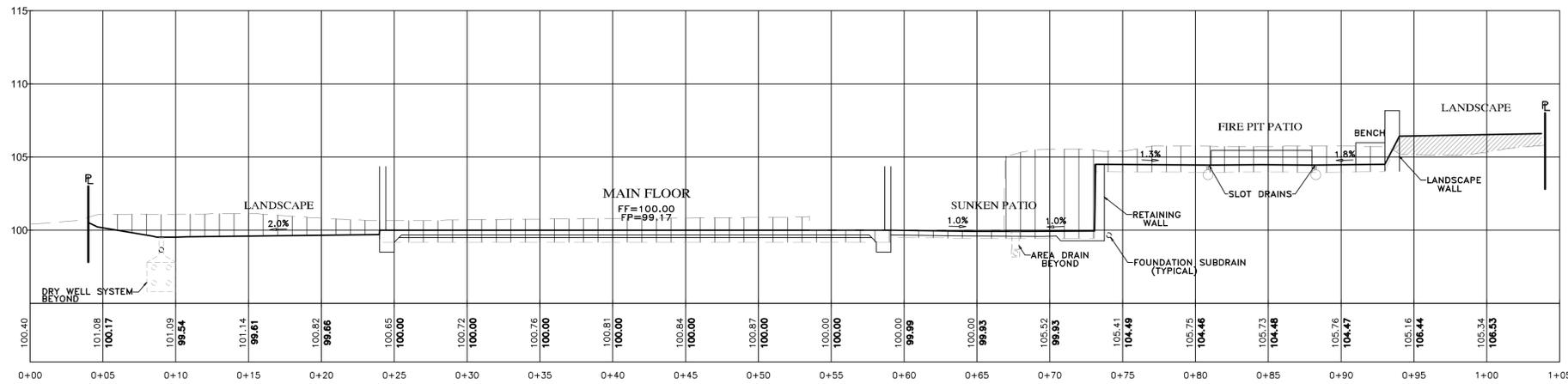
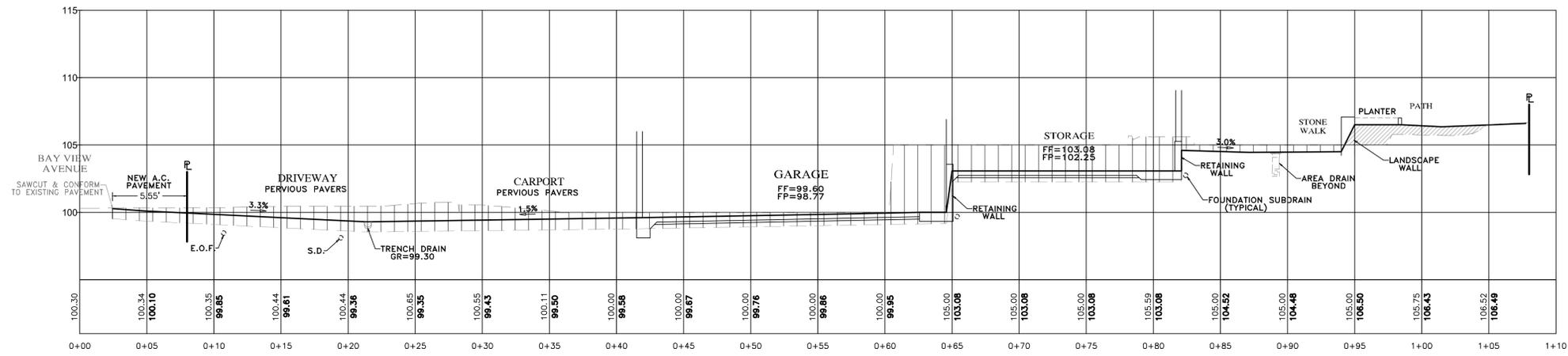


APPROVED BY:  
  
GUY R. GIRARDO

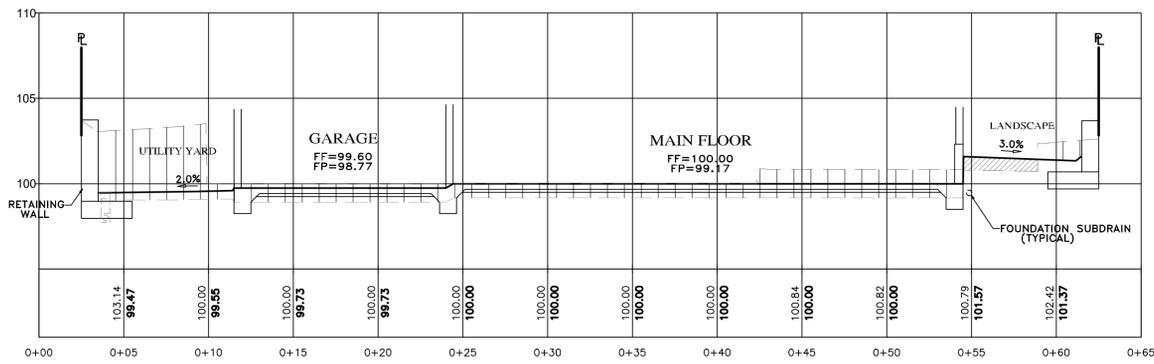


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DATE: SEPTEMBER 2024  
JOB NO. 2738-02

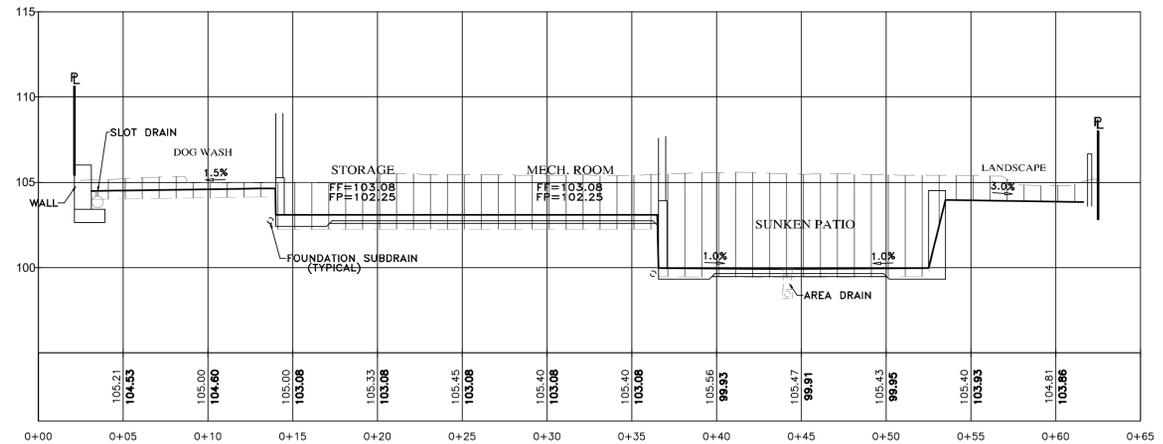
SHEET	<b>C1</b>		
OF	4 SHEETS		
No.	DATE	BY	RELEASED TO CLIENT
			REVISION



**SECTION B-B**  
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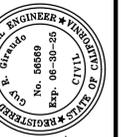


**SECTION C-C**  
SCALE: 1"=5' H&V



**SECTION D-D**  
SCALE: 1"=5' H&V

- NOTES:**
- ALL FILL MATERIAL SHALL BE STRUCTURAL FILL PER SOIL'S ENGINEERING INVESTIGATION REPORT
  - SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR LAYOUT OF FOUNDATION COMPONENTS.
  - OVEREXCAVATION ON BUILDING AREAS PER SOILS ENGINEERING INVESTIGATION REPORT.
  - FOR SECTION LOCATIONS, SEE SHEET C3 "GRADING, DRAINAGE & UTILITY PLAN".



APPROVED BY:  
**GUY R. GIRARDO**

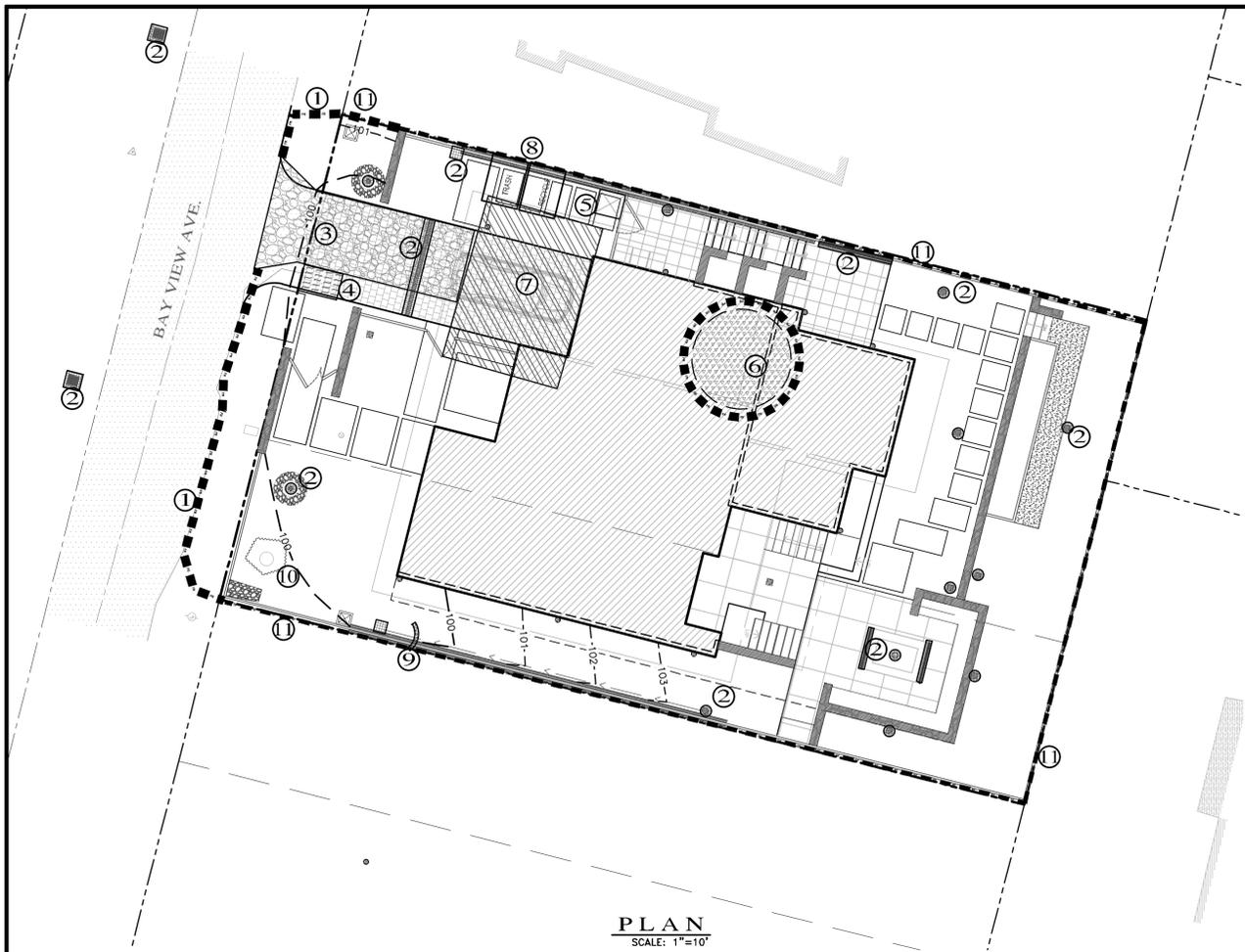


**GRADING, DRAINAGE & EROSION CONTROL PLAN**  
OF  
**SEARLE RESIDENCE**  
A.P.N.: 009-412-025  
FOR  
CITY OF CARMEL, MONTEREY COUNTY, CALIFORNIA  
MR. & MRS. PHILLIP AND BANU SEARLE

SCALE: 1"=5' H&V  
DATE: SEPTEMBER 2024  
JOB NO. 2738-02

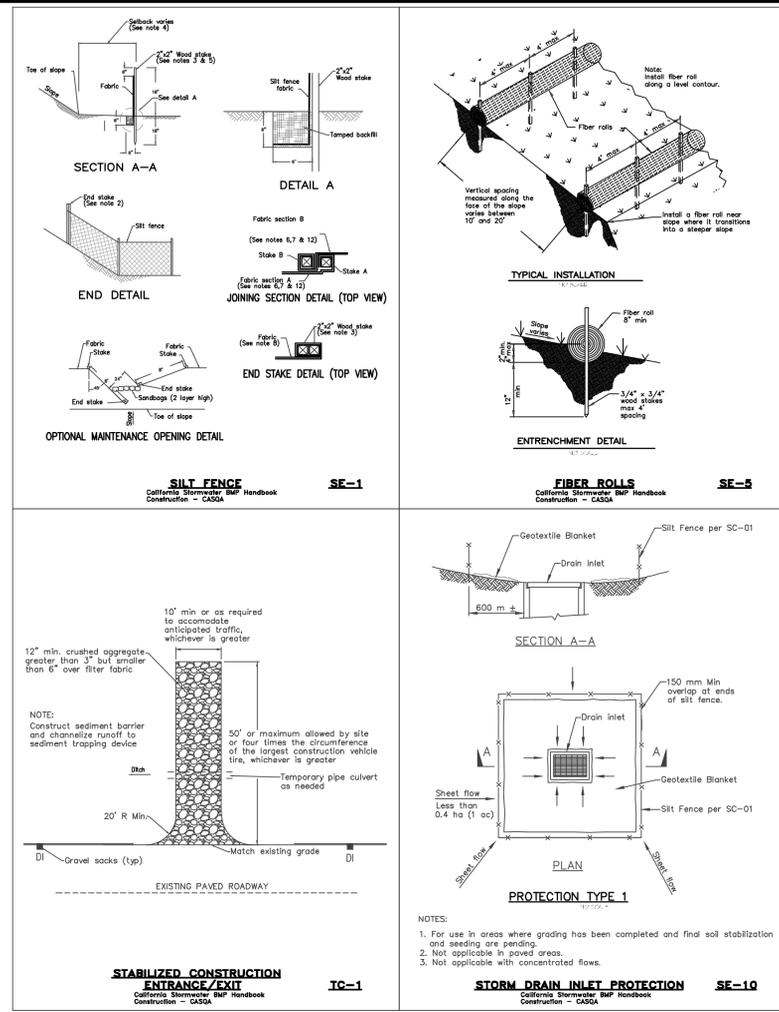
No.	DATE	BY	REVISION

SHEET **C2**  
OF 4 SHEETS



**EROSION & SEDIMENT CONTROL NOTES:**

- 1) ALL EROSION CONTROL MEASURES SHALL CONFORM WITH THE COUNTY OF MONTEREY EROSION CONTROL ORDINANCE.
- 2) EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN EFFECT FOR ANY CONSTRUCTION DURING THE RAINY SEASON, APPROX. OCTOBER 15 TO APRIL 15. EROSION CONTROL PLAN SHALL BE PREPARED AND SUBMITTED FOR APPROVAL BY SEPT. 15 OF ANY OR EACH CALENDAR YEAR THAT CONSTRUCTION MAY EXTEND BEYOND OCTOBER 15.
- 3) ALL SLOPES SHALL BE PROTECTED WITH STRAW MULCH OR SIMILAR MEASURES TO PROTECT AGAINST EROSION UNTIL SUCH SLOPES ARE PERMANENTLY STABILIZED.
- 4) RUNOFF SHALL BE DETAINED OR FILTERED BY BERMS, VEGETATED FILTER STRIPS, AND/OR CATCH BASINS TO PREVENT THE ESCAPE OF SEDIMENT FROM THE SITE.
- 5) EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE AT THE END OF EACH DAY'S WORK.
- 6) EROSION CONTROL PLANTINGS AND MULCH SHALL BE CLOSELY MONITORED THROUGHOUT THE WINTER AND ANY RUNOFF PROBLEMS CORRECTED PROMPTLY. SEE LANDSCAPE ARCHITECT'S PLAN FOR PERMANENT PLANTINGS AND TREE SCHEDULES.
- 7) DISTURBED SURFACES NOT INVOLVED IN THE IMMEDIATE GRADING OPERATIONS MUST BE PROTECTED BY MULCHING AND/OR OTHER EFFECTIVE MEANS OF SOIL PROTECTION.
- 8) ALL ROADS AND DRIVEWAYS SHALL HAVE DRAINAGE FACILITIES SUFFICIENT TO PREVENT EROSION ON OR ADJACENT TO THE ROADWAY OR ON THE DOWNHILL PROPERTIES.
- 9) DRAINAGE CONTROL MEASURES SHALL BE MAINTAINED AND IN PLACE AT THE END OF EACH DAY AND CONTINUOUSLY THROUGHOUT THE LIFE OF THE PROJECT DURING WINTER OPERATIONS.
- 10) REVEGETATION SHALL CONSIST OF A MECHANICALLY APPLIED HYDROMULCH SLURRY OR HAND SEEDED WITH A STRAW MULCH COVER. MULCH SHALL BE ANCHORED BY AN APPROVED METHOD SUCH AS PUNCHING, TACKING, OR THE USE OF JUTE NETTING, AS DEEMED NECESSARY FOR THE SITE CONDITIONS TO ALLOW FOR GERMINATION AND ENABLE ADEQUATE GROWTH TO BE ESTABLISHED.
- 11) CHECK DAMS, SILT FENCES, FIBER ROLLS OR OTHER DESIGNS SHALL BE INCORPORATED TO CATCH ANY SEDIMENT UNTIL AFTER THE NEWLY EXPOSED AREAS ARE REVEGETATED SUFFICIENTLY TO CONTROL EROSION. EROSION CONTROL PLANTINGS AND MULCH SHALL BE CLOSELY MONITORED THROUGHOUT THE WINTER AND ANY RUNOFF PROBLEMS SHALL BE CORRECTED PROMPTLY. ALL EROSION AND/OR SLIPPAGE OF THE NEWLY EXPOSED AREAS SHALL BE REPAIRED BY THE PERMITTEE AT THEIR EXPENSE.
- 12) THE GRASS SEED SHALL BE PROPERLY IRRIGATED UNTIL ADEQUATE GROWTH IS ESTABLISHED AND MAINTAINED TO PROTECT THE SITE FROM FUTURE EROSION DAMAGE. ALL NEWLY EXPOSED (DISTURBED) AREAS SHALL BE SEED WITH THE FOLLOWING EROSION CONTROL MIX: *BROMUS CARINATUS* (CALIFORNIA BROME), *VULPIA MICROSTACHYS* (NUTTALL'S FESCUE), *ELYMUS GLAUCUS* (BLUE WILD RYE), *HORDEUM BRACHYANTHERUM* (MEADOW BARLEY), *FESTUCA RUNRMOLATE* BLUE AND A MIXTURE OF LOCALLY NATIVE WILDFLOWERS.
- 13) THE DIRECTOR OF BUILDING INSPECTION (BUILDING OFFICIAL) SHALL STOP OPERATIONS DURING PERIODS OF INCLEMENT WEATHER IF HE OR SHE DETERMINES THAT EROSION PROBLEMS ARE NOT BEING CONTROLLED ADEQUATELY.
- 14) GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROL BMP INSTALLATION AND MAINTENANCE AND SHALL PROVIDE FULL PARTICULARS TO COUNTY RMA-ENVIRONMENTAL SERVICES PRIOR TO BEG. WORK.



**LEGEND:**

1. FIBER ROLLS: THE CONTRACTOR SHALL MAINTAIN A STOCKPILE OF FIBER ROLLS ON-SITE, AS THEY CAN BE USED ALONG ERODIBLE SLOPES, ALONG STOCKPILE PERIMETERS, DOWNSLOPE OF EXPOSED SOIL AREAS, AND TO DELINEATE/PROTECT STAGING AREAS. FIBER ROLLS MUST BE TRENCHED INTO THE SOIL AND STAKED (STAKES SPACED MAX. 4' ON CENTER). SEE DETAIL. INSTALL FIBER ROLLS ALONG LEVEL CONTOURS, AND TURN THE ENDS UPHILL. INSPECT WEEKLY AND REMOVE ACCUMULATED SEDIMENT REGULARLY.
2. DRAIN INLET PROTECTION: PLACE GEOTEXTILE FILTER FABRIC BENEATH INLET GRATE AND SURROUND ENTIRE INLET WITH GRAVEL BAGS (OVERLAP THE BAGS AND PACK THEM TIGHTLY TOGETHER - SEE DETAIL). INSPECT ALL INLET PROTECTION WEEKLY. REMOVE ACCUMULATED SEDIMENT REGULARLY.
3. STABILIZED CONSTRUCTION ACCESS: INSTALL STABILIZED CONSTRUCTION ACCESS PRIOR TO COMMENCEMENT OF EARTH MOVING OPERATIONS (SEE DETAIL). INSPECT ENTRANCE DAILY, AND ADD ADDITIONAL STONE AS TOP-DRESSING WHEN REQUIRED. USE FENCING OR BARRICADES TO PREVENT VEHICLE TRAFFIC FROM DRIVING AROUND THE STABILIZED ACCESS.
4. CONCRETE WASHOUT: WASHOUT MUST BE LOCATED A MINIMUM OF 50 FEET FROM STORM DRAINS, OPEN DITCHES, OR WATER BODIES. DISCONTINUE USE WHEN WASHOUT WASTES REACH 75% OF THE WASHOUT CAPACITY. ALLOW WASHOUT WASTES TO HARDEN, BE BROKEN UP, AND THEN DISPOSED OF PROPERLY.
5. SANITARY/SEPTIC WASTE MANAGEMENT: PORTABLE TOILETS WILL BE PROVIDED AND MAINTAINED ON-SITE FOR THE DURATION OF THE PROJECT. ALL PORTABLE TOILETS WILL BE EQUIPPED WITH A SECONDARY CONTAINMENT TRAY, AND SHALL BE LOCATED A MINIMUM OF 50' FROM ALL OPERATIONAL STORM DRAIN INLETS. WEEKLY MAINTENANCE SHALL BE PROVIDED AND WASTES LEGALLY DISPOSED OF OFF-SITE.
6. STOCKPILE MANAGEMENT: SOIL STOCKPILES MUST BE COVERED OR STABILIZED (I.E. WITH SOIL BINDERS) IMMEDIATELY IF THEY ARE NOT SCHEDULED TO BE USED WITHIN 14 DAYS. ACTIVE SOIL STOCKPILES SHALL BE WATERED TWICE DAILY TO AVOID WIND EROSION. SURROUND ALL STOCKPILES WITH FIBER ROLLS OR SILT FENCE. STOCKPILES OF "COLD MIX", TREATED WOOD, AND BASIC CONSTRUCTION MATERIALS SHOULD BE PLACED ON AND COVERED WITH PLASTIC SHEETING OR COMPARABLE MATERIAL AND SURROUNDED BY A BERM.
7. CONTRACTOR'S STAGING AREA: THE CONTRACTOR'S STAGING AREA SHALL BE SURROUNDED BY FIBER ROLLS. THE STAGING AREA WILL BE USED TO STORE DELIVERED MATERIALS, AND FOR OVERNIGHT EQUIPMENT PARKING/FUELING. STORED CONSTRUCTION MATERIALS SHALL BE MAINTAINED IN THEIR ORIGINAL CONTAINERS, AND COVERED AT ALL TIMES. PETROLEUM PRODUCTS AND HAZARDOUS MATERIALS SHALL BE STORED WITHIN SECONDARY CONTAINMENT STRUCTURES OR A STORAGE SHED. EQUIPMENT FUELING AND MAINTENANCE WILL ONLY OCCUR WITHIN THE DESIGNATED STAGING AREA. DRIP PANS OR ABSORBENT PADS MUST BE USED DURING ALL FUELING OR MAINTENANCE ACTIVITIES. AN AMPLE SUPPLY OF SPILL CLEANUP MATERIALS SHALL BE MAINTAINED IN THE STAGING AREA AT ALL TIMES.
8. WASTE MANAGEMENT: SOLID WASTES WILL BE LOADED DIRECTLY ONTO TRUCKS FOR OFF-SITE DISPOSAL. WHEN ON-SITE STORAGE IS NECESSARY, SOLID WASTES WILL BE STORED IN WATER-TIGHT DUMPSTERS IN THE GENERAL STORAGE AREA OF THE CONTRACTOR'S YARD. DUMPSTERS AND/OR TRASH BINS SHALL BE COVERED AT THE END OF EACH WORK DAY. HAZARDOUS WASTES SHALL NOT BE STORED ON-SITE. CONSTRUCTION DEBRIS AND GENERAL LITTER WILL BE COLLECTED DAILY AND WILL NOT BE ALLOWED NEAR DRAINAGE INLETS OR DRAINAGE SYSTEMS.
9. GRAVEL BAG CHECK DAM: GRAVEL BAGS SHALL CONSIST OF WOVEN POLYPROPYLENE, POLYETHYLENE OR POLYAMIDE FABRIC, MIN. UNIT WEIGHT OF 4OZ/SY. BAGS SHALL BE A MINIMUM OF 18" LONG X 12" WIDE X 3" THICK, FILLED WITH 1/2" - 1" CRUSHED ROCK. TIGHTLY ABUT BAGS AND CONSTRUCT CHECK DAM AT LEAST 3 BAGS WIDE X 2 BAGS HIGH. INSPECT CHECK DAM REGULARLY AND REMOVE ACCUMULATED SEDIMENT.
10. TREE PROTECTION: TREE PROTECTION SHALL CONSIST OF ORANGE PLASTIC MESH FENCING, AND SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF EARTH-MOVING OPERATIONS (SEE DETAIL). INSTALL FENCING ALONG THE DRIP LINE OF TREES, AND INSTRUCT EMPLOYEES AND SUBCONTRACTORS TO HONOR PROTECTIVE DEVICES. TREE INJURIES SHALL BE ATTENDED TO BY A LICENSED AND CERTIFIED ARBORIST.
11. SILT FENCE: SILT FENCE SHALL CONSIST OF WOVEN GEOTEXTILE FABRIC WITH A MINIMUM WIDTH OF 36 INCHES. WOOD STAKES SHALL BE COMMERCIAL QUALITY LUMBER, SPACED A MAXIMUM OF 6' APART AND DRIVEN SECURELY INTO THE GROUND (SEE DETAIL). FENCING FABRIC SHALL BE KEVED INTO THE SOIL AS PER MANUFACTURER'S RECOMMENDATIONS. INSTALL SILT FENCE ALONG LEVEL CONTOURS. TURN THE ENDS OF THE SILT FENCE UPHILL TO PREVENT WATER FROM FLOWING AROUND THE FENCE. INSPECT SILT FENCE DAILY, AND MAKE REPAIRS IMMEDIATELY.

**TABLE 1706.6 REQUIRED VERIFICATION AND INSPECTION OF SOILS**

VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED
1. Verify material below shallow foundations are adequate to achieve the design bearing capacity	--	X
2. Verify excavations are extended to proper depth and have reached proper material	--	X
3. Perform classification and testing of compacted fill materials	--	X
4. Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill.	X	--
5. Prior to placement of compacted fill, observe subgrade and verify that site has been prepared properly.	--	X

**CONSTRUCTION INSPECTION REQUIREMENTS**

- A-PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE, THE OWNER/APPLICANT SHALL SCHEDULE AN INSPECTION WITH HCD-ENVIRONMENTAL SERVICES TO ENSURE ALL NECESSARY SEDIMENT CONTROLS ARE IN PLACE AND THE PROJECT IS COMPLIANT WITH MONTEREY COUNTY GRADING AND EROSION CONTROL REGULATIONS.**
- B-DURING CONSTRUCTION THE OWNER/APPLICANT SHALL SCHEDULE AN INSPECTION WITH HCD-ENVIRONMENTAL SERVICES TO UPDATE COMPACTION TEST RECORDS, INSPECT DRAINAGE DEVICE INSTALLATION, REVIEW THE MAINTENANCE AND EFFECTIVENESS OF BMP'S INSTALLED, AS WELL AS, TO VERIFY THAT POLLUTANTS OF CONCERN ARE NOT DISCHARGED FROM THE SITE.**
- C-PRIOR TO FINAL INSPECTION, THE OWNER/APPLICANT SHALL SCHEDULE AN INSPECTION WITH HCD-ENVIRONMENTAL SERVICES TO CONDUCT A FINAL GRADING INSPECTION, COLLECT FINAL GEOTECHNICAL LETTER OF CONFORMANCE, ENSURE THAT ALL DISTURBED AREAS HAVE BEEN STABILIZED AND THAT ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES THAT ARE NO LONGER NEEDED HAVE BEEN REMOVED.**

**Material Delivery and Storage WM-1**

**Description and Purpose**  
Prevent, reduce, or eliminate the discharge of pollutants from material delivery and storage to the stormwater system or watercourses by minimizing the storage of hazardous materials onsite, storing materials in watertight containers and/or a completely enclosed designated area, installing secondary containment, conducting regular inspections, and training employees and subcontractors.

**Targeted Constituents**  
Sediment  
Nutrients  
Trash  
Metals  
Bacteria  
Oil and Grease  
Organics

**Potential Alternatives**  
None

**Stockpile Management WM-3**

**Description and Purpose**  
Stockpile management procedures and practices are designed to reduce or eliminate air and stormwater pollution from stockpiles of soil, soil amendments, sand, paving materials such as portland cement concrete (PCC) rubble, asphalt concrete (AC), asphalt concrete rubble, aggregate base, aggregate sub base or pre-mixed aggregate, asphalt binder (so called "cold mix" asphalt), and pressure treated wood.

**Targeted Constituents**  
Sediment  
Nutrients  
Trash  
Metals  
Bacteria  
Oil and Grease  
Organics

**Potential Alternatives**  
None

**Hazardous Waste Management WM-6**

**Description and Purpose**  
Prevent or reduce the discharge of pollutants to stormwater from hazardous waste through proper material use, waste disposal, and training of employees and subcontractors.

**Targeted Constituents**  
Sediment  
Nutrients  
Trash  
Metals  
Bacteria  
Oil and Grease  
Organics

**Potential Alternatives**  
None

**Sanitary/Septic Waste Management WM-9**

**Description and Purpose**  
Proper sanitary and septic waste management prevent the discharge of pollutants to stormwater from sanitary and septic waste by providing convenient, well-maintained facilities, and arranging for regular service and disposal.

**Targeted Constituents**  
Sediment  
Nutrients  
Trash  
Metals  
Bacteria  
Oil and Grease  
Organics

**Potential Alternatives**  
None

**Solid Waste Management WM-5**

**Description and Purpose**  
Solid waste management procedures and practices are designed to prevent or reduce the discharge of pollutants to stormwater from solid or construction waste by providing designated waste collection areas and containers, arranging for regular disposal, and training employees and subcontractors.

**Targeted Constituents**  
Sediment  
Nutrients  
Trash  
Metals  
Bacteria  
Oil and Grease  
Organics

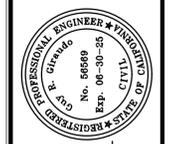
**Potential Alternatives**  
None

**Preservation Of Existing Vegetation EC-2**

**Description and Purpose**  
Carefully planned preservation of existing vegetation minimizes the potential of removing or injuring existing trees, vines, shrubs, and grasses that protect soil from erosion.

**Targeted Constituents**  
Sediment  
Nutrients  
Trash  
Metals  
Bacteria  
Oil and Grease  
Organics

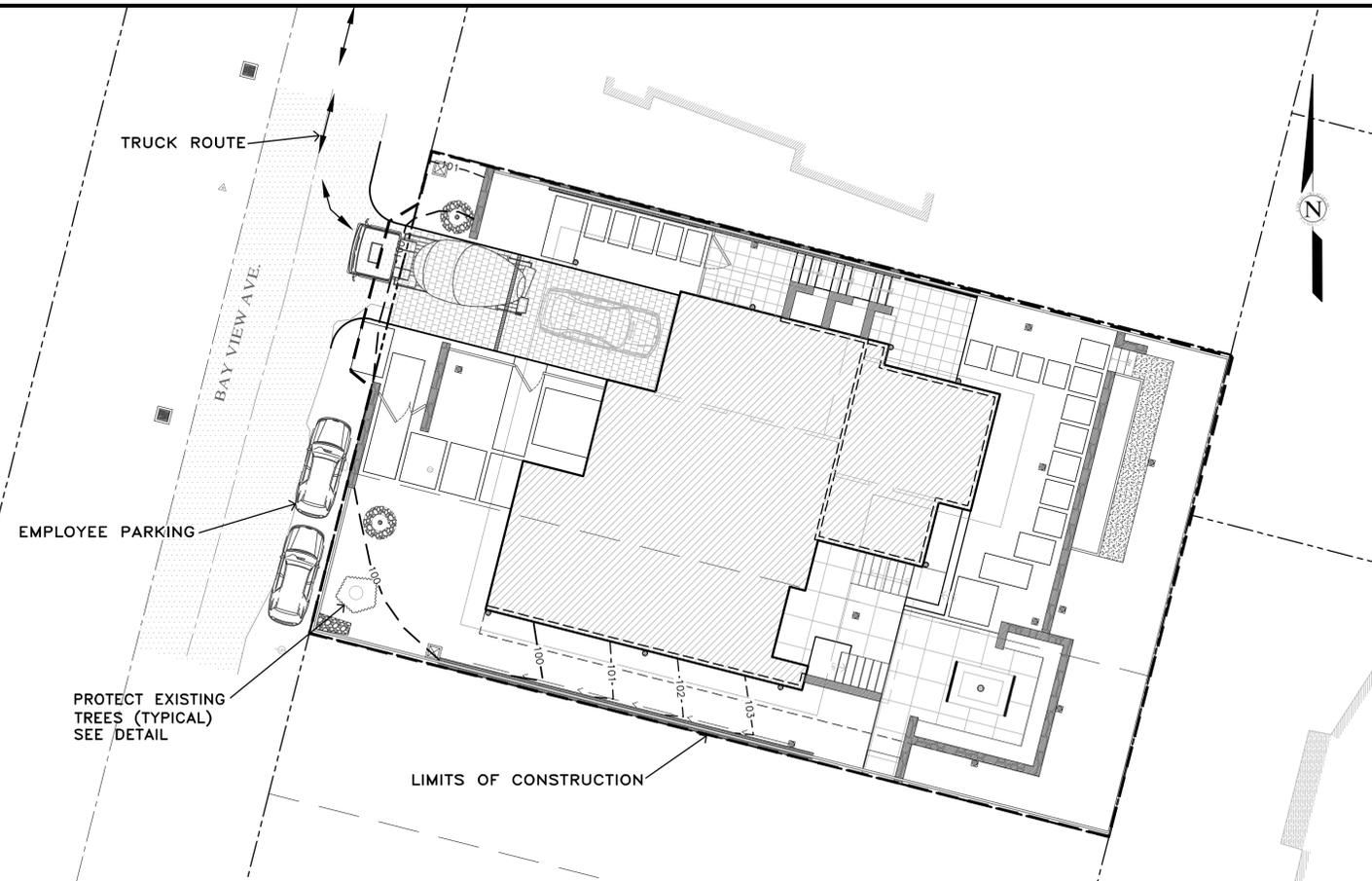
**Potential Alternatives**  
None



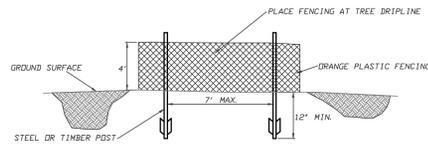
APPROVED BY:  
**GUY R. GIRARDI**  
CIVIL ENGINEER



**"EROSION & SEDIMENT CONTROL PLAN"**  
**SEARLE RESIDENCE OF GRADING, DRAINAGE & EROSION CONTROL PLAN**  
 A.P.N.: 009-412-025  
 CITY OF CARMEL, MONTEREY COUNTY, CALIFORNIA  
 MR. & MRS. PHILLIP AND BANU SEARLE  
 SCALE: AS SHOWN  
 DATE: SEPTEMBER 2024  
 JOB NO. 2738-02  
 SHEET **C3**  
 OF 4 SHEETS  
 09/19/24 AMS RELEASED TO CLIENT  
 No. DATE BY REVISION



**PLAN**  
SCALE: 1"=10'



EARTHWORK QUANTITIES PER CIVIL ENGINEERING PLANS BY LANDSET ENGINEERS, INC.:  
280 CY CUT  
35 CY FILL

**CONSTRUCTION STAGING:**  
DEMOLISH EXISTING HARDSCAPE AND OFFHAUL DEBRIS. EXISTING DRIVEWAY TO BE USED FOR EQUIPMENT STAGING AND TEMPORARY STOCKPILE AREA.

PERFORM MINOR GRADING, CONSTRUCT STRUCTURE ADDITIONS, AND INSTALL UNDERGROUND UTILITIES. EXISTING DRIVEWAY AREA TO BE USED FOR MATERIAL AND EQUIPMENT STAGING.

INSTALL NEW PAVERS DRIVEWAY AND LANDSCAPING.

SEE ARCHITECTURAL AND CIVIL PLANS FOR EROSION CONTROL AND DEMOLITION NOTES.

CONSTRUCTION EQUIPMENT AND MATERIALS SHALL NOT BE STAGED ON BAY VIEW AVENUE AT ANY TIME DURING CONSTRUCTION. MATERIAL DELIVERIES SHALL BE SCHEDULED SUCH THAT THEY ARE USED PROMPTLY, AND MATERIAL STORAGE IS MINIMIZED. ALL CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE STORED IN A DESIGNATED AREA ON THE SUBJECT PROPERTY.

**HAUL ROUTES:**  
THE HAUL ROUTE TO THE SITE IS FROM HIGHWAY 1 TO RIO ROAD TO SANTA LUCIA AVENUE. (HAUL TRUCKS EXIT IN THE SAME FASHION.) VEHICLES SHALL NOT BE LEFT UNATTENDED WHILE IN QUEUE (IF NECESSARY) ON SANTA LUCIA AVENUE. CONTRACTOR TO ENSURE THAT HEIGHT RESTRICTIONS WITHIN THE DRIVEWAY AREA SHALL BE ADDRESSED BEFORE CONSTRUCTION VEHICLES ENTER THE SITE. SEE DETAILS B AND C, TRUCK ROUTING PLANS.

**MATERIAL DELIVERIES:**  
IN THE EVENT THAT MATERIAL DELIVERIES CAUSE ANY STREETS ALONG THE HAUL ROUTE TO BE PARTIALLY BLOCKED BY DELIVERY TRUCKS OR LOADING/UNLOADING OPERATIONS, A FLAGMAN SHALL BE PRESENT TO DIRECT TRAFFIC AROUND THE LANE OBSTRUCTION. THE FLAGMAN SHALL BE PRESENT AT ALL TIMES DURING WHICH DELIVERY/CONSTRUCTION OPERATIONS MAY IMPACT TRAFFIC ON THE HAUL ROUTE AND SURROUNDING STREETS.

**EMPLOYEE PARKING:**  
LIMITED EMPLOYEE PARKING ON-SITE. EMPLOYEES SHALL USE PUBLIC PARKING LOTS AND CARPOOL TO JOBSITE IF POSSIBLE. ON-SITE PARKING SHALL BE IN LEGAL SPACES ALONG BAY VIEW AVENUE, OBEYING ALL PARKING LAWS. PARKING IS PROHIBITED IN ALL NATURAL AREAS WHICH ARE NOT CURRENTLY PAVED OR GRAVEL.

**LIMITS OF CONSTRUCTION:** ALL CONSTRUCTION SHALL TAKE PLACE WITHIN THE BORDER AS SHOWN. EXISTING CYPRESS, PINE, AND OAK TREES LOCATED WITHIN THE LIMITS SHOWN SHALL BE SURROUNDED BY ORANGE PROTECTIVE FENCING (SEE DETAIL).

**TRUCK TRIP GENERATION CHART:**

CATEGORY	NO. OF TRUCK TRIPS	TOTAL DAYS
DEMOLITION/CLKEARING	5	3
GRADING & SOIL REMOVAL (EXPORT)	13	2
ENGINEERING MATERIALS (IMPORT)	3	2
<b>TOTALS</b>	<b>21</b>	<b>7</b>

**TRUCK TRIP GENERATION NOTES:**

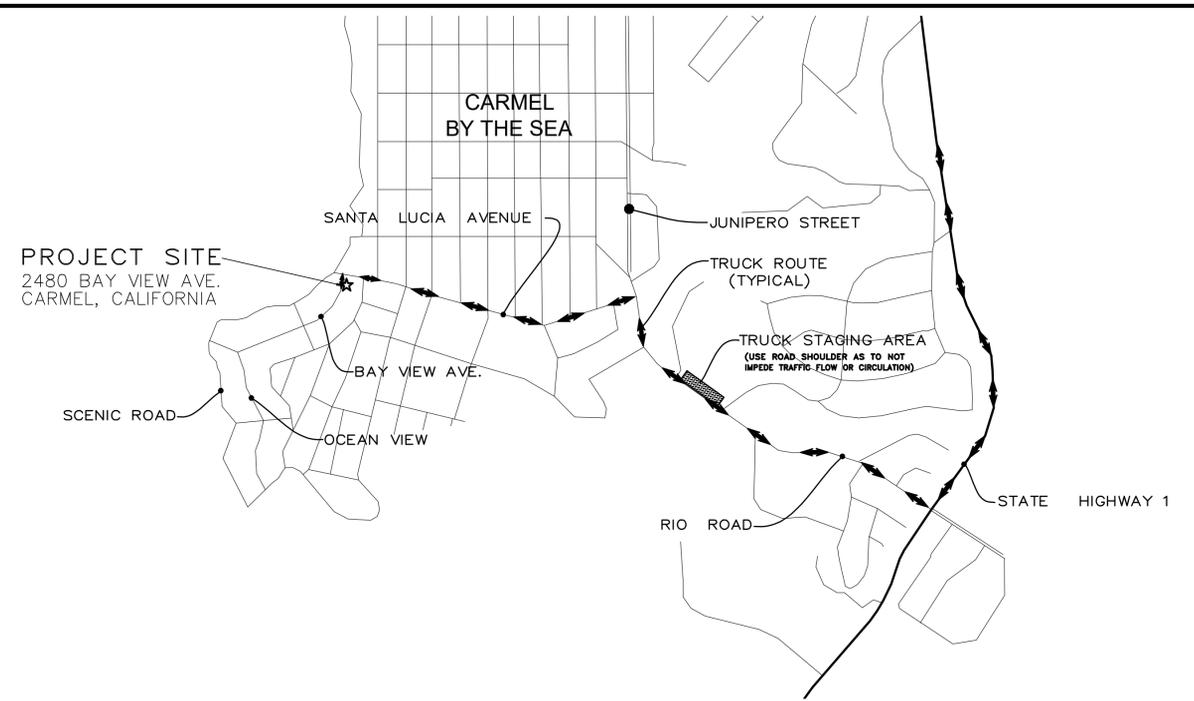
- TRUCK TRIPS FOR THE GRADING/SOIL REMOVAL IS BASED UPON 20 CUBIC YARDS PER TRUCKLOAD WITH AN AVERAGE OF 7 TRUCK LOADS PER DAY.
- THERE ARE 245 C.Y. OF SURPLUS SOIL MATERIAL THAT WILL BE EXPORTED OFF THE SITE.
- GRADING OPERATIONS SHALL TAKE APPROXIMATELY 7 WORKING DAYS TO COMPLETE.
- THE AMOUNT OF GRADING PER DAY WILL VARY, THE AVERAGE BETWEEN 80 & 140 CUBIC YARDS.

NUMBER OF EMPLOYEES/DAY: 4-10

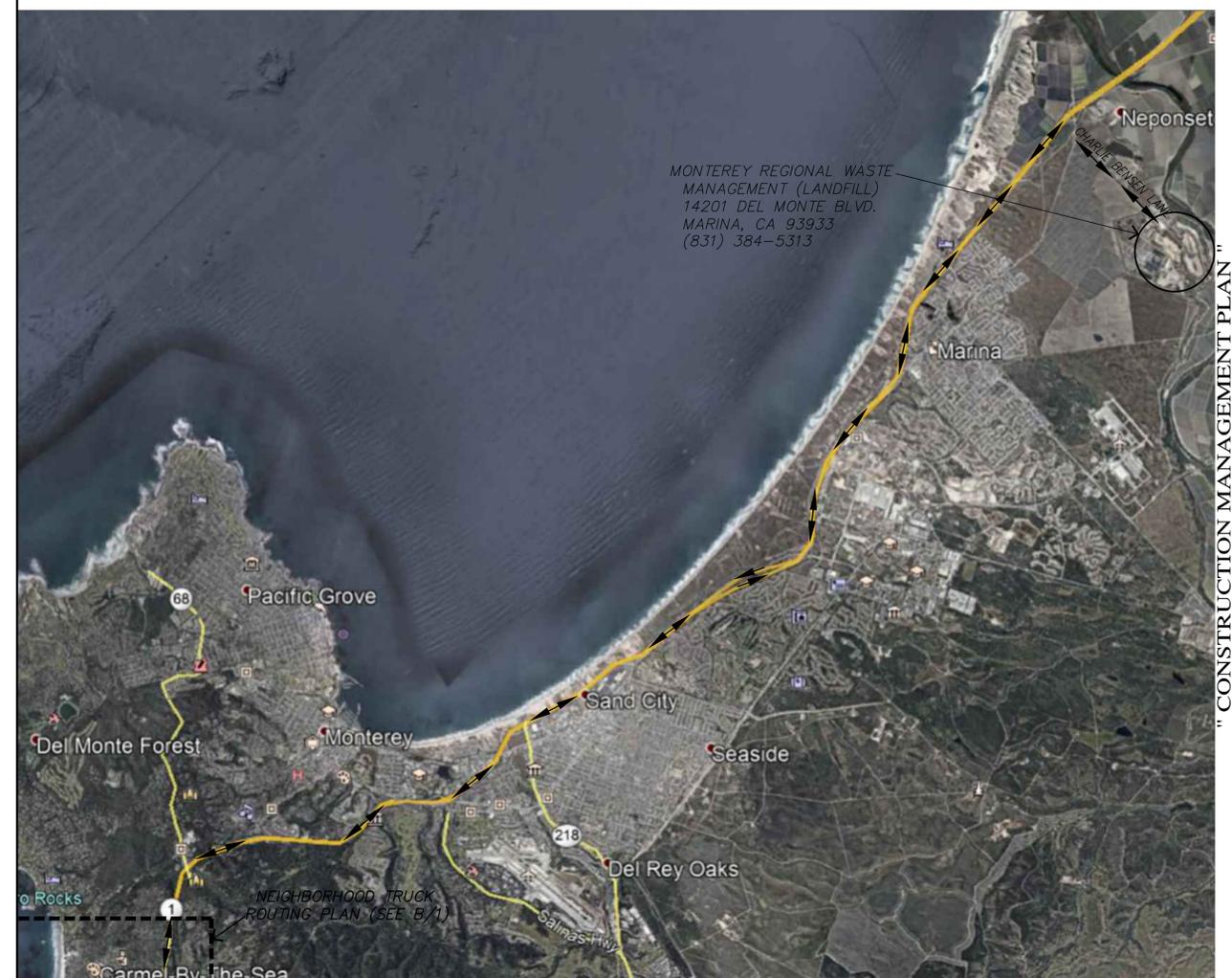
HOURS OF OPERATION/DAY: 8

PROJECT SCHEDULING: PROJECTED START DATE 7 OCTOBER 2024, 7 WORKING DAYS TO COMPLETE GRADING, MONDAY THRU FRIDAY, 8:00 A.M. - 4:30 P.M. TOTAL PROJECT DURATION IS APPROXIMATELY 12 MONTHS.

**(A) CONSTRUCTION STAGING PLAN**

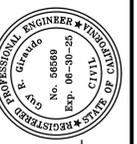


**(B) NEIGHBORHOOD TRUCK ROUTING PLAN**



**(C) OVERALL TRUCK ROUTING PLAN**  
NOT TO SCALE

No.	DATE	BY	REVISION
09/19/24	AMS	RELEASED TO CLIENT	



APPROVED BY:  
**GUY R. GIRARDO**



**CONSTRUCTION MANAGEMENT PLAN**

**GRADING, DRAINAGE & EROSION CONTROL PLAN**

**SEARLE RESIDENCE**  
A.P.N.: 009-412-025  
CITY OF CARMEL, MONTEREY COUNTY, CALIFORNIA  
MR. & MRS. PHILLIP AND BANU SEARLE

SCALE: AS SHOWN  
DATE: SEPTEMBER 2024  
JOB NO. 2738-02

SHEET **C4**  
OF 4 SHEETS



PROJECT NAME:

SEARLE  
RESIDENCE

PROJECT ADDRESS:

2480 BAY VIEW AVENUE  
CARMEL, CA 93923

APN: 009-412-025-000

ISSUANCE:

BUILDING DEPARTMENT  
SUBMITTAL

PROJECT NO: 2024-06  
DATE: 10/08/2024

REVISIONS:

DATE DESCRIPTION

SHEET NAME:

CONSTRUCTION  
PLAN

SHEET NO:

SHEET INDEX

SHEET NO: CONTENTS:

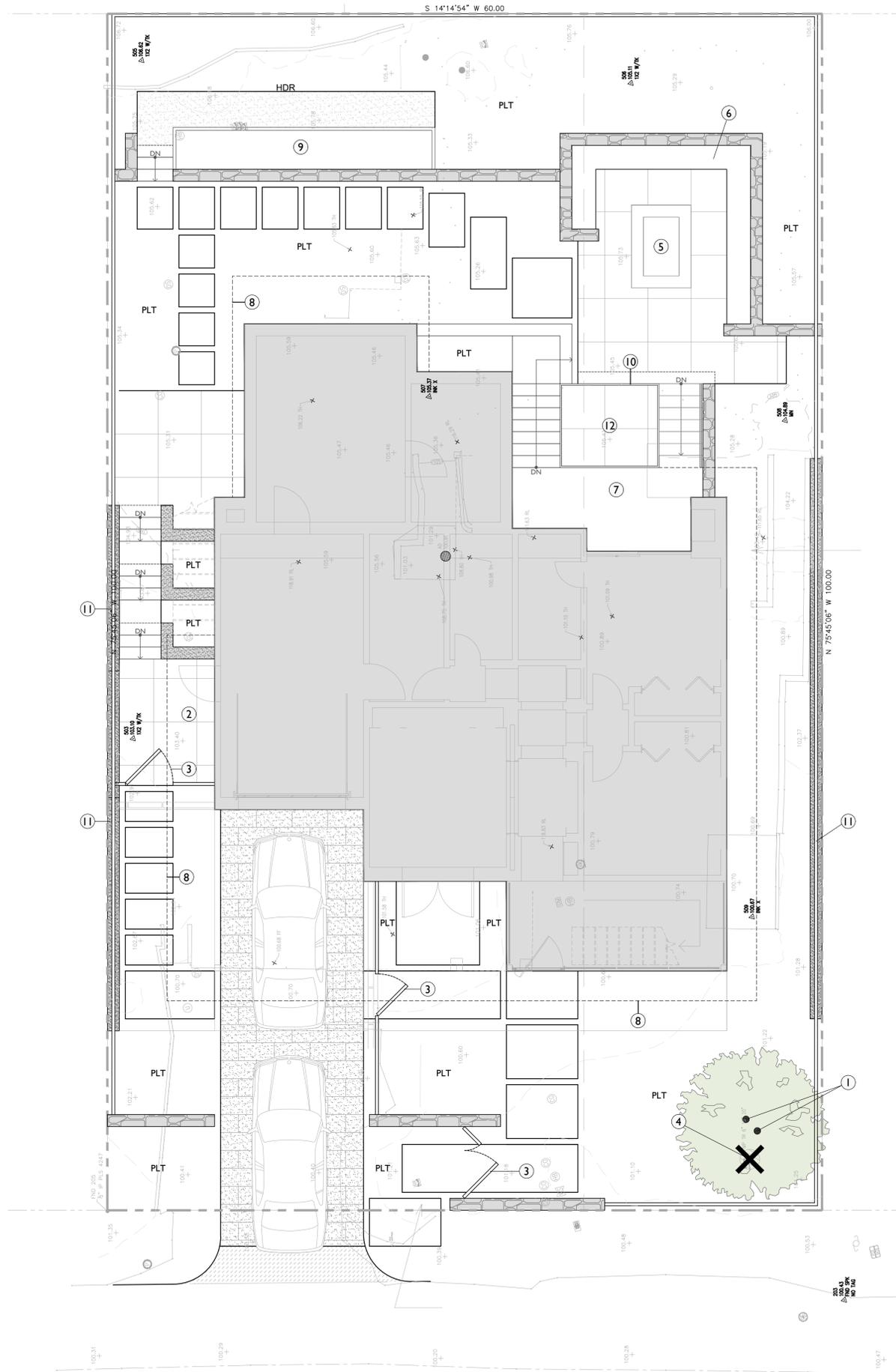
L-1.0	CONSTRUCTION PLAN
L-2.0	PLANTING PLAN
L-2.1	PLANTING IMAGES
L-2.2	PLANTING IMAGES
L-3.0	SITE LIGHTING PLAN
L-3.1	SITE LIGHTING SPECS

LEGEND

- ASPHALT PAVING: SEE CIVIL DRAWINGS FOR SECTION.
- STONE DRIVEWAY: STONE TYPE TO BE DETERMINED. WET SET OVER 6" CONCRETE SUB-SLAB OVER 8" COMPACTED CLASS II BASE - INSTALL ANTI-FRACTURE MEMBRANE UNDER STONE.
- STONE PAVING: WET SET OVER CONCRETE SUB-SLAB AND ANTI-FRACTURE MEMBRANE. SUB-SLAB TO BE 4" THICK WITH #4 AT 16" O.C. OVER 4" COMPACTED CLASS II BASE.
- STONE STEPPING PADS: WET SET OVER 4" MUD BEDS. EPOXY SEAL EDGES OF STONE AND 4" BAND AROUND THE EDGES ON THE BOTTOM TO PREVENT WATER PENETRATION FROM IRRIGATION.
- CRUSHED GRAVEL: 2" OF 3/8" 'CALIFORNIA GOLD' CRUSHED GRAVEL OVER 4" COMPACTED CLASS II PERMEABLE BASE COMPACTED SUBGRADE.
- STONE STEPS: STONE TYPE TO MATCH STONE PAVING. WET SET OVER CONCRETE SUB-STAIRS.
- STONE WALL: CMU WALL WITH STONE VENEER. STONE TYPE TO MATCH ARCHITECTURAL STONE.
- STUCCO WALL: CMU WALL WITH INTEGRAL COLOR STUCCO FINISH - COLOR TO BE DETERMINED.
- 6' HIGH WOOD FENCE: SEE ARCHITECTURAL DRAWINGS.
- HDR METAL EDGE
- PLT PLANTING AREA

REFERENCE NOTES

- ① MITIGATION TREES - TWO CUPRESSUS MACROCARPA - 5 GAL. TREES TO BE PLANTED IN ONE HOLE.
- ② TRASH ENCLOSURE
- ③ WOOD PEDESTRIAN GATE: 6' HIGH WOOD GATE WITH METAL FRAME TO MATCH 6' HIGH WOOD FENCE.
- ④ NON-NATIVE TREE: TO BE REMOVED.
- ⑤ GAS FIREPIT WITH AUTO IGNITER AND AREA DRAIN: SEE ARCHITECTURAL DRAWINGS.
- ⑥ BUILT-IN STONE SEAT WITH HEATED BENCH AT FIRE PIT - SEE ARCHITECTURAL DRAWINGS.
- ⑦ UPPER TERRACE WITH OUTDOOR KITCHEN AND DINING - SEE ARCHITECTURAL DRAWINGS.
- ⑧ LINE OF BALCONY ABOVE - SEE ARCHITECTURAL DRAWINGS.
- ⑨ RAISED VEGETABLE BED WITH STONE AND METAL EDGING.
- ⑩ GLASS GUARDRAIL - SEE ARCHITECTURAL DRAWINGS.
- ⑪ STUCCO RETAINING WALL BELOW FENCE.
- ⑫ LOWER COURTYARD OFF BEDROOM.



SCALE: 3/16" = 1'-0"





PROJECT NAME:

SEARLE RESIDENCE

PROJECT ADDRESS:

2480 BAY VIEW AVENUE CARMEL, CA 93923

APN: 009-412-025-000

ISSUANCE:

BUILDING DEPARTMENT SUBMITTAL

PROJECT NO: 2024-06

DATE: 10/08/2024

REVISIONS:

DATE DESCRIPTION

SHEET NAME:

PLANTING PLAN

SHEET NO:

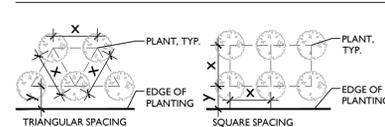
GENERAL NOTES

- ALL PLANTING AREAS TO BE TREATED WITH A PRE-EMERGENT HERBICIDE PRIOR TO BEGINNING PLANTING.
- CONTRACTOR TO TAKE SAMPLES OF PLANTING AREA SOIL, FROM 0"-12" DEEP FROM AT LEAST THREE SEPARATE LOCATIONS FROM PLANTING AREAS ON THE SITE, MIXED TO FORM A SINGLE COMPOSITE SAMPLE. COMBINED VOLUME OF COMPOSITE SAMPLE SHALL BE AT LEAST 1-QUART. SAMPLE LOCATIONS SHALL BE MARKED ON THE PLANTING PLAN AND SHALL BE REPRESENTATIVE OF SITE CONDITIONS AND PROPOSED PLANTING TYPES.
- FORWARD THE COMPOSITE SAMPLES TO THE TESTING LABORATORY FOR TESTING AND THEIR RECOMMENDATIONS AS TO EXACT FERTILIZERS AND SOIL AMENDMENTS TO BE USED IN PLANTING. WAYPOINT ANALYTICAL A05-2 COMPLETE ANALYSIS.  
LAB REPORT TO INCLUDE RECOMMENDATION LETTER AND TESTING RESULTS.  
LAB REPORT TO INCLUDE AN ESTIMATED INFILTRATION RATE FOR SOIL TESTED.  
LAB REPORT TO NOTE THE PROPOSED PLANTING TYPES SPECIFIC TO THE PROJECT, GROUND-COVERS, NATIVE GRASSES AND TREES.
- AMENDMENT AND FERTILIZER RECOMMENDATIONS BY THE TESTING LAB SHALL BE SPECIFIC TO THE PROPOSED AMENDMENTS TO BE USED AND INCLUDE THE AMENDMENT LAB TEST / SAMPLE ID NUMBER AND TESTING DATE AS REFERENCE. GENERIC RECOMMENDATIONS WILL BE REJECTED AND WILL REQUIRE SPECIFIC RECOMMENDATIONS TO BE OBTAINED FROM THE TESTING LAB.
- FOR BIDDING PURPOSES ASSUME SOIL AMENDMENT FERTILIZER TO BE COMMERCIAL FERTILIZER, 16-6-8 (N-P-K) UNIFORM PELLET, EXACT FERTILIZER TO BE DETERMINED BY TESTING LAB ANALYSIS.
- INSTALL COMMERCIAL PLANT FERTILIZER PACKETS / TABLETS, TWO-YEAR CONTROLLED-RELEASE 20-10-05 (N-P-K). BEST TABS BY SIMPLOT PROFESSIONAL PRODUCTS, AGRIFORM BY THE SCOTTS COMPANY.
- SOIL AMENDMENTS TO BE MINERALIZED AND NITRIFIED BARK OR SAWDUST, WITH WETTING AGENT AND PROPERLY PULVERIZED, CONTAINING A MINIMUM OF 270LBS. PER CUBIC YARD OF ORGANIC MATTER. SUBMIT SAMPLE ANALYSIS FOR APPROVAL.  
AMENDMENT CHEMISTRY - SUITABILITY CONSIDERATIONS  
1. NITROGEN (DRY WEIGHT BASIS): 0.4 TO 0.6%  
2. IRON (MINIMUM): 0.08%  
3. ORGANIC CONTENT: ABOVE 17%  
4. CARBON-NITROGEN RATIO: BELOW 25  
5. PH: BELOW 8.0  
6. SALINITY (ECE): A VALUE SUCH THAT WHEN COMBINED WITH THE EXISTING SITE SOIL AT A USE RATE DETERMINED BY THE TESTING LAB ANALYSIS, THE SALINITY OF THE AMENDED SOIL SHALL NOT EXCEED 4.0 DS/M (MMHOS/CM). GYPSUM (IF REQUIRED BY EXISTING SOILS TEST); AGRICULTURAL GRADE, OMRI LISTED.  
1. CAL-SUL PELLETIZED GYPSUM BY NORTH PACIFIC, PORTLAND OR  
2. ULTRA FINE AG GYPSUM BY WESTERN MINING & MINERALS  
3. APPROVED EQUAL.
- SULFUR (IF REQUIRED BY EXISTING SOILS TEST): GRANULAR DEGRADABLE SULFUR PRODUCT, TIGER 90CR ORGANIC 0-0-0-90 SULFUR BY TIGERSUL.COM, OR APPROVED EQUAL.
- ALL PLANTING AREAS TO BE CULTIVATED TO A MINIMUM DEPTH OF 10". SOIL AMENDMENTS AND COMMERCIAL FERTILIZERS TO BE APPLIED AT THE RATES SPECIFIED IN THE TESTING LAB ANALYSIS.
- CROSS-RIP OR CULTIVATE SUB-GRADE TO THE 10" MINIMUM DEPTH. ADD WATER IF NECESSARY AND CONTINUE RIPPING OR CULTIVATION UNTIL THE ENTIRE SPECIFIED DEPTH IS LOOSE AND FRIABLE. CROSS RIPPING SHALL INCLUDE AREAS IN BETWEEN TREE AND PLANT PITS. UPON COMPLETION OF CROSS RIPPING APPLY THE AMENDMENTS AS SPECIFIED IN THE TESTING LAB ANALYSIS. SETTLE THE SOIL WITH WATER AS NEEDED AND REGRADE HIGH/LOW AREAS TO CREATE A SMOOTH FINISH GRADE.
- UNIFORMLY SPREAD AND INCORPORATED THE MATERIALS TO OBTAIN A HOMOGENEOUSLY BLENDED SOIL, 6-INCHES IN DEPTH. IF GYPSUM AND/OR SULFUR ARE REQUIRED TO BE ADDED AS PART OF AMENDMENTS PER SOILS REPORT FROM THE TESTING LAB, MANUALLY WATER THE AMENDED SOILS USING IMPACT SPRINKLERS OR HOSE-END SPRINKLERS - TO APPLY 1/2-INCH OF WATER OVER ALL PLANTING AREAS. EXISTING SOILS WITH HIGH ALKALINITY AS DETERMINED BY THE SOILS REPORT FROM THE TESTING LAB WILL BE REQUIRED TO BE SIMILARLY MANUALLY WATERED TO LEACH THE SALTS DEEPER INTO THE SOIL. AMOUNT OF WATER TO BE DETERMINED BY THE TESTING LAB.
- PRE-MIX AMENDMENTS INTO SOIL BEFORE BACKFILLING PLANT PITS - DO NOT MIX INSIDE PITS. BREAK LARGE CLOUDS INTO SMALL PIECES. ALL PLANTING AREAS TO BE TREATED WITH A PRE-EMERGENT HERBICIDE PRIOR TO BEGINNING PLANTING.
- INSTALL 3" MULCH TO ALL PLANTING AREAS. MULCH TO BE SHREDDED CEDAR BARK OR SIMILAR. SUBMIT A SAMPLE OF MULCH FOR OWNER & LANDSCAPE ARCHITECT APPROVAL PRIOR TO INSTALLATION.
- COMPOST: COMPOST MINIMUM OF 4 CUBIC YARDS PER 1,000 SQ. FT. OF PERMEABLE AREA TILLED TO A DEPTH OF 6".
- ALL NEW PLANTING TO BE IRRIGATED WITH AUTOMATIC DRIP IRRIGATION SYSTEM. IRRIGATION CONTROLLER TO HAVE EITHER EVAPOTRANSPIRATION OR SOIL MOISTURE SENSING CAPABILITIES AND A RAIN SENSOR.
- IRRIGATION SYSTEM TO HAVE A DEDICATED BACKFLOW PREVENTER AND MASTER SHUT OFF VALVE AT THE POINT OF CONNECTION.
- PRESSURE REGULATORS SHALL BE INSTALLED AT EACH DRIP VALVE AND SET TO THE OPTIMAL PRESSURE AS SUGGESTED BY THE MANUFACTURER OF THE DRIP EMITTERS. ALL DRIP ZONES INSTALLED ON SLOPES TO BE FITTED WITH CHECK VALVES AND ALL LINES TO INCLUDE FLUSH PORTS.
- MANUAL SHUT-OFF VALVE SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO THE POINT OF CONNECTION AND AT VALVE MAINFOLDS. HOSE BIBS TO BE INSTALLED. VERIFY LAYOUT IN FIELD WITH OWNER & LANDSCAPE ARCHITECT. IRRIGATION VALVES TO CORRESPOND TO HYDROZONE LIMITS.
- IRRIGATION SYSTEM TO BE A DESIGN BUILD. ALL SHRUB AREAS TO BE DRIP IRRIGATED.

\* WATER USE CATEGORY (WUC) KEY

WUCOLS REGION APPLICABLE TO THIS PROJECT: REGION I  
H = HIGH; M = MODERATE; L = LOW; VL = VERY LOW; NL = SPECIES NOT LISTED  
\* FROM: WATER USE CLASSIFICATION OF LANDSCAPE SPECIES, A GUIDE TO THE WATER NEEDS OF LANDSCAPE PLANTS (WUCOLS) UNIVERSITY OF CALIFORNIA COOPERATIVE EXTENSION, L.A. COSTELLO, K.S. JONES

PLANT SPACING AND PLANTING SETBACK DIAGRAM



PLANT LEGEND

*WUC CODE	BOTANICAL NAME	COMMON NAME	SIZE	CHARACTER
<b>TREES</b>				
M Cm	CUPRESSUS MACROCARPA	MONTEREY CYPRESS	5 GAL.	
<b>SHRUBS</b>				
L Aa	AGAVE ATTENUATA	FOXTAIL AGAVE	1 GAL.	
L Ap	AEONIUM PSEUDOTABULIFORME	GREEN PLATTERS	1 GAL.	
L Ae	AEONIUM 'SUNBURST'	SUNBURST AEONIUM	1 GAL.	
L As	ALOE STRIATA	CORAL ALOE	1 GAL.	
L Az	ANIGOZANTHOS 'HARMONY'	YELLOW KANGAROO PAW	1 GAL.	
L Asp	ASPIDISTRA ELATIOR	CAST-IRON PLANT	5 GAL.	
L Cs	CALANDRINA SPECTABILIS	ROCK PURSLANE	1 GAL.	
L Cg	CASUARINA GLAUCA 'COUSIN IT'	PROSTRATE SWAMP OAK	1 GAL.	
L Co	COTYLEDON ORBICULATA	PIG'S EAR	1 GAL.	
L Cof	COTYLEDON O. 'FLAVIDA'	FINGER ALOE	1 GAL.	
L Cos	COTYLEDON O. 'SILVER WAVES'	SILVER WAVES ALOE	1 GAL.	
L Cas	CRASSULA A. 'SILVER DOLLAR'	SILVER DOLLAR JADE	1 GAL.	
L Cm	CRASSULA MULTICAVA	FAIRY CRASSULA	1 GAL.	
L Ea	ECHEVERIA 'AFTERGLOW'	AFTERGLOW ECHEVERIA	1 GAL.	
L Ee	ECHEVERIA ELEGANS	HENS AND CHICKS	1 GAL.	
H Eh	EQUISETUM HYEMALE	HORSETAIL	1 GAL.	
L Fg	FESTUCA GLAUCA 'ELIJAH BLUE'	BLUE FESCUE	1 GAL.	
L Lp	LOMANDRA 'POM POM'	POM POM LOMANDRA	1 GAL.	
L Om	OLEA 'MONTRA'	LITTLE OLLIE OLIVE	15 GAL.	
M Pl	PRUNUS LAUROCERASUS	ENGLISH LAUREL	24" BOX	
L Sv	SENECIO VITALIS	NARROW-LEAF CHALK STICKS	1 GAL.	
<b>GROUNDCOVERS</b>				
L	DYMONDIA MARGARETAE	SILVER CARPET	1 GAL @ 18" O.C.	
M	OPHIPOGON JAPONICUS 'NANA'	DWARF MONDO GRASS	4" POT, TOUCHING	
L	SEDUM REFLEXUM 'BLUE SPRUCE'	BLUE SPRUCE SEDUM	4" POT @ 8" O.C. MIX	
L	SEDUM ANGELINA	ANGELINA STONECROP		
L	SENECIO MANDRALISCAE	BLUE CHALK STICKS		
M	SESLERIA AUTUMNALIS	AUTUMN MOOR GRASS	1 GAL @ 18" O.C. MIX	
M	SESLERIA 'GREENLEE'	GREENLEE MOOR GRASS		
<b>VINES</b>				
M Db	DICTYON BUCCINATORIA	SCARLET TRUMPET VINE	1 GAL.	
<b>MISCELLANEOUS</b>				
	CRUSHED GRAVEL: FOR PEDESTRIAN AREAS 2" OVER 4" COMPACTED CLASS II BASE.			
	POLISHED DECORATIVE ROCK			
	HDR - METAL EDGING: WELD ALL JOINTS AND PRIME AND PAINT ONCE WELDED.			

REFERENCE NOTES

- MITIGATION TREES - TWO CUPRESSUS MACROCARPA - 5 GAL. TREES TO BE PLANTED IN ONE HOLE.
- NON-NATIVE TREE: TO BE REMOVED.
- CUSTOM STAINLESS STEEL PLANTER POT WITH CUSTOM SAUCER PRIMED AND PAINTED - COLOR TO BE DETERMINED - INSTALL WITH DRAIN LINE AND IRRIGATION.

WATER EFFICIENT LANDSCAPE WORKSHEET - RESIDENTIAL

Project Name: Searle Residence  
Project Number: 24-06

Hydrozone #/Planting Description*	Plant Factor (PF)	Irrigation Method <sup>2</sup>	Irrigation Efficiency (IE) <sup>3</sup>	ETAF (PF/IE)	Landscape Area (sq ft)	ETAF x Area	Estimated Total Water Use (ETWU) <sup>4</sup>	
Reference Evapotranspiration (ETo) 32.00								
<b>Regular Landscape Areas</b>								
1 Entry Drive	0.3	drip	0.81	0.37	706	261.48	5187.79	
2 Entry Garden	0.5	drip	0.81	0.62	198	122.22	2424.89	
3 Back Garden	0.3	drip	0.81	0.37	726	268.89	5334.76	
4 Screening	0.5	drip	0.81	0.62	775	478.40	9491.36	
					Totals (A)	2405 (B)	1130.99 (C)	22438.80 (D)
<b>Special Landscape Areas</b>								
					1.00	0.00	0.00	
					Totals (C)	0 (D)	0.00 (E)	
						<b>ETWU Total (Gallons)</b>	<b>22438.80</b>	
						<b>Maximum Allowed Water Allowance (MAWA)<sup>5</sup> (Gallons)</b>	<b>26243.36</b>	
						<b>ETWU (Acre Feet)</b>	<b>0.07</b>	
						<b>MAWA (Acre Feet)</b>	<b>0.08</b>	

\*Hydrozone #/Planting Description  
E.g. 1) front lawn  
2) low water use plantings  
3) medium water use planting

<sup>2</sup>Irrigation Method  
overhead spray or drip

<sup>3</sup>Irrigation Efficiency (IE)  
0.75 for spray head  
0.81 for drip

<sup>4</sup>ETWU (Annual Gallons Required) =  
Eto x 0.62 x ETAF x Area  
where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per acre per year to gallons per square foot per year.

<sup>5</sup>MAWA (Annual Gallons Allowed) = (Eto) / (0.62) [ (ETAF x LA) + ((1-ETAF) x SLA) ]  
where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per acre per year to gallons per square foot per year. LA is the total landscape area in square feet. SLA is the total special landscape area in square feet, and ETAF is .55 for residential areas and 0.45 for non-residential areas.

ETAF Calculations

Regular Landscape Areas	(B)	1130.99
Total ETAF x Area	(A)	2405.00
Total Area	B + A	0.47

Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non-residential areas.

All Landscape Areas	(B+D)	1130.99
Total ETAF x Area	(A+C)	2405.00
Total Area	(B+D) + (A+C)	0.47

MWEO COMPLIANCE STATEMENT

I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN.

Simon Phillips 4532 10-08-2024  
Name CLAF Date

MONTEREY COUNTY COMPLIANCE STATEMENT

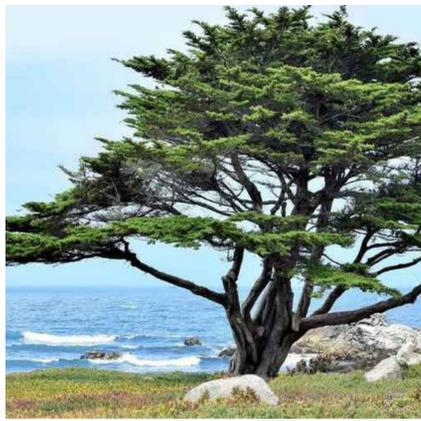
I CERTIFY THAT THIS LANDSCAPING AND IRRIGATION PLAN COMPLIES WITH ALL MONTEREY COUNTY LANDSCAPING REQUIREMENTS INCLUDING USE OF NATIVE, DROUGHT-TOLERANT, NON-INVASIVE SPECIES, LIMITED TURF, AND LOW-FLOW, WATER CONSERVING IRRIGATION FIXTURES.

Simon Phillips 4532 10-08-2024  
Name CLAF Date

SCALE: 3/16" = 1'-0"



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*Cupressus macrocarpa*  
Monterey Cypress



*Agave attenuata*  
Foxtail Agave



*Aeonium pseudotabulariforme*  
Green Platters



*Aeonium 'Sunburst'*  
Sunburst Aeonium



*Aloe striata*  
Coral Aloe



*Anigozanthos 'Harmony'*  
Yellow Kangaroo Paw



*Aspidistra elatior*  
Cast-Iron Plant



*Calandrinia spectabilis*  
Rock Purslane



*Casuarina glauca 'Cousin Itt'*  
Prostrate Swamp Oak



*Cotyledon orbiculata*  
Pig's Ear



*Cotyledon orbiculata 'Flavida'*  
Finger Aloe



*Cotyledon orbiculata 'Silver Waves'*  
Silver Waves Aloe



*Crassula a. 'Silver Dollar'*  
Silver Dollar Jade



*Crassula multicava*  
Fairy Crassula



*Echeveria 'Afterglow'*  
Afterglow Echeveria



*Echeveria elegans*  
Hens and Chicks



*Equisetum hymemale*  
Horsetail



*Festuca glauca 'Elijah Blue'*  
Blue Fescue



*Lomandra 'Pom Pom'*  
Pom Pom Lomandra



*Olea 'Montra'*  
Little Ollie Olive



*Prunus laurocerasus*  
English Laurel



*Senecio vitalis*  
Narrow-Leaf Chalk Sticks

SEVEN  
SPRINGS  
STUDIO  
LANDSCAPE ARCHITECTS

2548 EMPIRE GRADE  
SANTA CRUZ, CA 95060  
831.466.9617



PROJECT NAME:

SEARLE  
RESIDENCE

PROJECT ADDRESS:

2480 BAY VIEW AVENUE  
CARMEL, CA 93923

APN: 009-412-025-000

ISSUANCE:

BUILDING DEPARTMENT  
SUBMITTAL

PROJECT NO: 2024-06  
DATE: 10/08/2024

REVISIONS:

DATE DESCRIPTION

SHEET NAME:

PLANTING  
IMAGES

SHEET NO:



***Dymondia margaretae***  
Silver Carpet



***Ophiopogon japonicus 'Nana'***  
Dwarf Mondo Grass



***Sedum reflexum 'Blue Spruce'***  
Blue Spruce Sedum



***Sedum angelina***  
Angelina Stonecrop



***Senecio mandraliscae***  
Blue Chalk Sticks



***Sesleria autumnalis***  
Autumn Moor Grass



***Sesleria 'Greenlee'***  
Greenlee Moor Grass



***Distictis buccinatoria***  
Scarlet Trumpet Vine



PROJECT NAME:

**SEARLE  
RESIDENCE**

PROJECT ADDRESS:

2480 BAY VIEW AVENUE  
CARMEL, CA 93923

APN: 009-412-025-000

ISSUANCE:

**BUILDING DEPARTMENT  
SUBMITTAL**

PROJECT NO: 2024-06

DATE: 10/08/2024

REVISIONS:

DATE DESCRIPTION

SHEET NAME:

**PLANTING  
IMAGES**

SHEET NO:



PROJECT NAME:

**SEARLE  
RESIDENCE**

PROJECT ADDRESS:

2480 BAY VIEW AVENUE  
CARMEL, CA 93923

APN: 009-412-025-000

ISSUANCE:

**BUILDING DEPARTMENT  
SUBMITTAL**

PROJECT NO: 2024-06  
DATE: 10/08/2024

REVISIONS:

DATE	DESCRIPTION

SHEET NAME:

**LIGHTING PLAN**

SHEET NO:

FIXTURE LEGEND

SYM	TYPE	MANUFACTURER	LAMP	COMMENTS
⦿	PATH LIGHT	BEACHSIDE -X1-2W-A-FL	2W LED 2700K	SEE 1/L-3.1
■	RECESSED STEP LIGHT	BEACHSIDE E9-RCL-2W-A-FL	2W LED 2700K	SEE 2/L-3.1
—	ROPE LIGHT	DIODE LED NEON BLAZE		SEE 3/L-3.1
⊕	DRIVE LIGHT	SPJ13-14	2W LED 2700K	SEE 4/L-3.1
●	ARCHITECTURAL SCNCE			

GENERAL NOTES

- SYSTEM SHOWN SCHEMATICALLY FOR GRAPHIC CLARITY. VERIFY ALL LIGHT LOCATIONS AND CABLE RUNS IN FIELD WITH LANDSCAPE ARCHITECT. CABLING TO BE SIZED TO PROVIDE A MINIMUM 10.5 VOLTS AND A MAX OF 11.5 VOLTS TO ALL FIXTURES. MINIMUM CABLE SIZE IS 12 GAUGE MULTI STRAND DIRECT BURIAL CABLE.
- ALLOW 30% OF TRANSFORMER CAPACITY FOR FUTURE ADDITIONAL SITE LIGHTING.
- COORDINATE SWITCHING ZONES FOR SITE LIGHTING WITH OWNER.
- PROVIDE GFCI ELECTRICAL OUTLETS AS SHOWN ON DRAWINGS.
- RUN MAXIMUM OF 10 LIGHTS IN DAISY CHAIN.
- RUN ADDITIONAL 2" SLEEVES UNDER ALL PAVING AREAS FOR POSSIBLE FUTURE SITE LIGHTING- REVIEW LOCATIONS IN FIELD WITH LANDSCAPE ARCHITECT.
- 8" DEPTH MINIMUM CABLE BURIAL.
- ALL WIRE CONNECTIONS SHALL BE WATER-PROOFED USING FULLY ENCAPSULATED, DIRECT BURIAL WATERPROOF CONNECTORS.
- SPACE LIGHTS EVENLY.
- TRANSFORMER LOCATIONS AND SWITCHING TO BE DETERMINED.
- ALL SITE LIGHTS TO BE ON DIMMERS.

REFERENCE NOTES

- ① INSTALL SWITCHED OUTLET IN FIRE PIT FOR AUTO-IGNITER.



PATH LIGHT



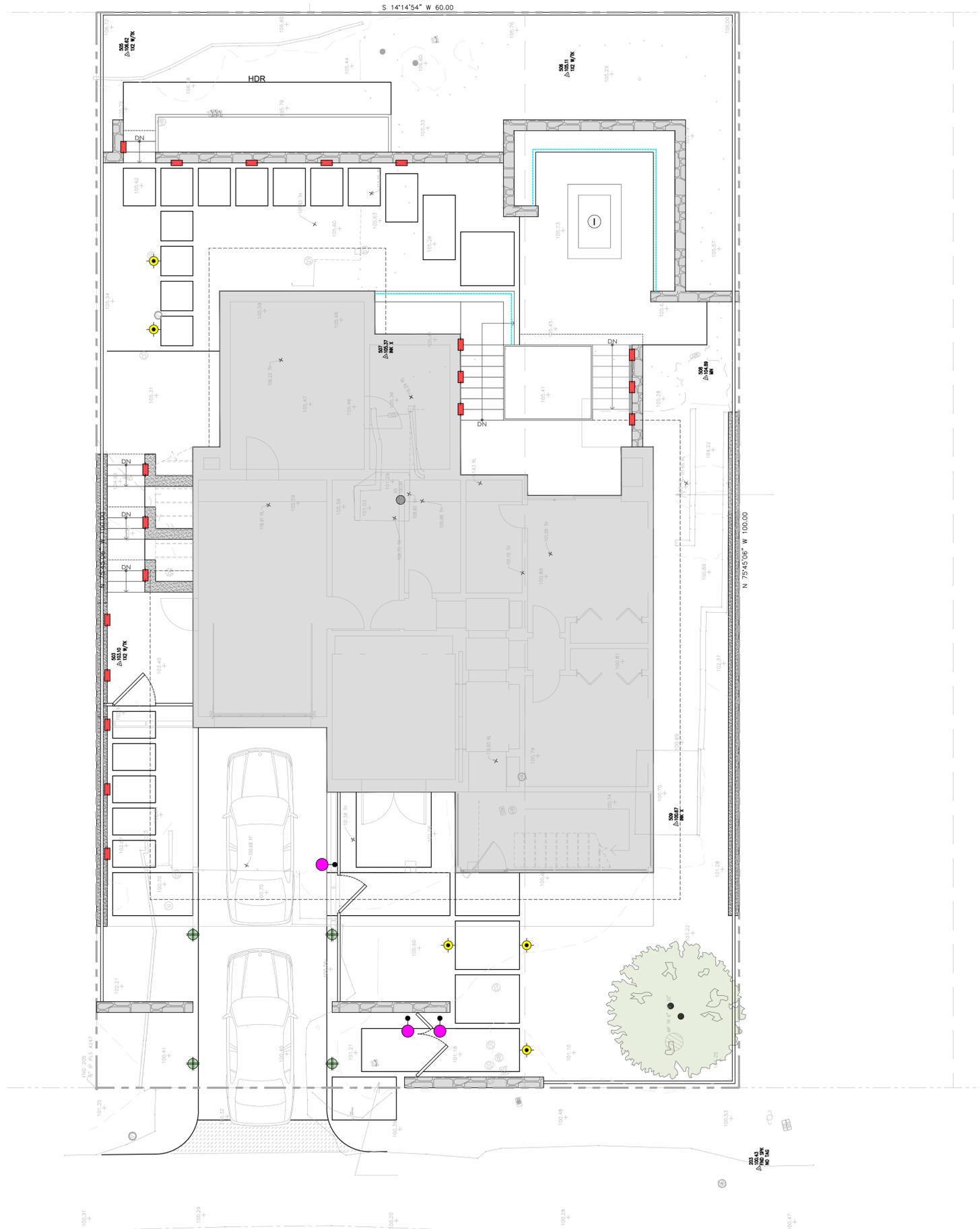
RECESSED STEP LIGHT



ROPE LIGHT



DRIVE LIGHT



SCALE: 3/16" = 1'-0"



**DR2 LED (DEEP HOUSING REMOTE TRANSFORMER) IP68 RATED**

DATE: \_\_\_\_\_ PROJECT: \_\_\_\_\_ TYPE: \_\_\_\_\_  
 CATALOG NUMBER/LOGIC: \_\_\_\_\_



\*Designed for use with LED transformer.

**CATALOG NUMBER LOGIC**  
 Example: DR2 - LED - RD - e57 - SAP - 4 - GM-R

**MATERIAL**  
 Aluminum

**FACEPLATE**  
 DR2 - DriveStar2

**OptiLock\***  
 LED - with Integral Driver\*

**HOUSING**  
 RD - Requires Remote LED Transformer (Deep Housing)

**LED TYPE**  
 e57 - 8W LED/2700K e58 - 8W LED/3000K e59 - 8W LED/4000K

**FINISH (See page 2 for full-color swatches)**  
 Standard Finishes (BZP, BZW, BLP, BLW, WHP, WHW, SAP, VER)  
 Premium Finish (ABP, AMG, AQW, BCM, BGE, BPP, CAP, CMG, CRM, HUG, NBP, OCP, RMG, SDS, SMG, TYS, WCP, WRS)  
 Also available in RAL Finishes

**OPTICAL OPENINGS**  
 1 - Single  
 2 - 2 @ 180°  
 4 - 4 @ 90°

**OPTIONS**  
 GM-R - Round Grout Mask  
 GM-S - Square Grout Mask

**B-K LIGHTING** MADE IN THE USA 569.426.5600 | INFO@BKLIGHTING.COM | BKLIGHTING.COM

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**E9-RCL**

The E9-RCL is a rectangular, brass, recessed fixture with a louvered faceplate for mounting in floors, walls, or ceilings.



**E9-RCL:** Surface-mounted trim. 2.5" diameter mounting hole required.  
**E9-RCL-CR:** Adds CONCRETE RINGS and PVC HOUSINGS for flush-mounted, recessed trim.

**Construction** Solid brass faceplate, trim ring, and lamp compartment. Outer PVC Housing for "CR" versions features four 1/2" NPT taps for conduit: two in the side and two in the back/bottom. Secured with two #6-32 black stainless steel screws.

**Lens** Tempered frosted soda lime glass

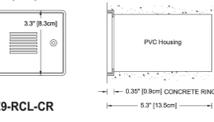
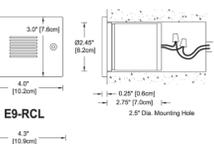
**Voltage** 12 Volts AC / DC. Remote transformer required.

**Lamps** Integrated LED light engine  
 Triac dimmable: MLV >6% typ. ELV >16% typ

One XPE2 LED 2 Watt AMBER (1000K) TURTLE FRIENDLY	— ZW-A-SP — ZW-A-NFL — ZW-A-NO	spot narrow flood no optic (wide flood)		
One XPE2 LED 2 Watt RED-ORANGE (1000K) TURTLE FRIENDLY	— ZW-RO-SP — ZW-RO-NFL — ZW-RO-NO	spot narrow flood no optic (wide flood)		
One XPE2 LED 3 Watt Warm White (3000K)*	— 3W-SP — 3W-NFL — 3W-NO	spot narrow flood no optic (wide flood)		

\* Also available in 2700K. Add color suffix to lamp specification, e.g. "3W-NFL-2700K"

5 Watt Cree chipset TURTLE FRIENDLY	— SW-A-NFL — SW-FL-27	AMBER (1300K) 3000K	25" narrow flood 40" flood	23 lm 85+ CRI
Cree chipset 5 Watts	— SW-SP-27 — SW-NFL-27 — SW-FL-60-27	— SW-SP-30 — SW-NFL-30 — SW-FL-60-30	15" spot 25" narrow flood 60" flood	85+ CRI 85+ CRI 85+ CRI
Limited chipset 7 Watts	— 7W-FL-60-27	— 7W-FL-60-30	100" wide flood 60" flood	85+ CRI 90+ CRI
Cree chipset 8 Watts	— 8W-SP-27 — 8W-NFL-27 — 8W-FL-27	— 8W-SP-30 — 8W-NFL-30 — 8W-FL-30	10" spot 25" narrow flood 36" flood	90 CRI 90 CRI 90 CRI



**Optical Accessories\*\***  
 — HL1 Honeycomb louver, 1/8" [3mm] thick  
 — PR Prismatic spread lens  
 — RT Rectilinear spread lens

**Finish:** Unfinished is standard; no specification required. The fixture will weather to a natural patina. The patina process is natural with brass and copper. Rate of patina and eventual color is dependent upon climate and proximity to the ocean. Thus, Beachside does not guarantee any specific appearance.

Weight: 4.4 lbs [2.0 kg]

IP 67  
 CSA Listed, file #190030  
 10 year fixture warranty  
 3 year warranty on MR16 LED lamps  
 Drive-over static load rating: 10,500 lbs (CR version only)



Project \_\_\_\_\_ By \_\_\_\_\_ Date \_\_\_\_\_  
 For ordering purposes, please specify (example: E9-RCL-CR-SW-NFL-27-RT)

E9-RCL- \_\_\_\_\_ Lamp \_\_\_\_\_ Accessory(ies) \_\_\_\_\_

BEACHSIDE LIGHTING • 800-405-6732 • www.BeachsideLighting.com • Made in Hawaii, USA 04/24

**4 DRIVE LIGHT**

**ALPHATECH® X Linear LED Lighting**  
 Specification Sheet

**ALPHATECH® X 130/250/400**  
 Linear LED Lighting

Full diffusion, precision light quality, and physical durability for reliably beautiful lighting. Suitable for every application, including indoor and outdoor, submerged in water, and in extreme weather conditions. Made in the USA with foreign parts.

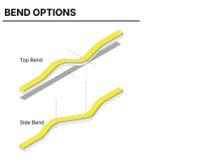
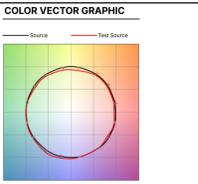
- FEATURES**
- Objectively superior CRI, Gamut, and Fidelity
  - Seamless end-to-end mounting for limitless linear runs
  - Top-bending and side-bending options with multiple output levels
  - Stabilized for UV for outdoor use
  - IP69 for submersible applications
  - UL678 listed for pools, spas, and fountains
  - NSF component approved



**ORDERING CODES**  
 Fixtures built to order

Diode LED	Voltage	Bend Style/Model	CCT	Length	Mounting
DI	24V	TE-ATX-130 (Top Bend) SE-ATX-250 (Side Bend) TE-ATX-400 (Top Bend)	24 30 30	130 (3300) 250 (6400) 400 (10000)	BTCL (Stainless Steel) IPCL (304 Steel) SPCH (Splice Channel) MTCL (Mounting Clip)

	24V-TE-ATX-130	24V-SE-ATX-250	24V-TE-ATX-400
<b>Voltage</b>	24V	24V	24V
<b>Wattage</b>	1.8W/ft.	5.6W/ft.	4.6W/ft.
<b>Lumens</b>	2400K 141%	2400K 263%	2400K 303%
	3000K 141%	3000K 266%	3000K 403%
	3500K 123%	3500K 314%	3500K 353%
	3900K 133%	3900K 320%	3900K 403%
	4000K 127%	4000K 279%	4000K 422%
<b>Max Length</b> (with beamline interconnects, driver circuit)	55 feet	20 feet	30 feet
<b>Max Length</b> (Sharp Bend)	26.25 feet, Straight Wire Only	16 feet	20 feet, Straight Wire Only
<b>Dimmable</b>	Dim to Dark - see driver options	Dim to Dark - see driver options	Dim to Dark - see driver options
<b>Field Output</b>	No	No	No
<b>Bend Radius</b>	6 in.	6 in.	6 in.
<b>Environment</b>	Outdoor / Wet Location (IP69)	Outdoor / Wet Location (IP69)	Outdoor / Wet Location (IP69)
<b>Ambient Temperature</b>	-4 - 122°F (-20 - 50°C)	-4 - 122°F (-20 - 50°C)	-4 - 122°F (-20 - 50°C)
<b>Ambient Temperature</b> (Deep Cold)	-40°F Min. Luminaires is required to be energized when temperature falls below -4°F	-40°F Min. Luminaires is required to be energized when temperature falls below -4°F	-40°F Min. Luminaires is required to be energized when temperature falls below -4°F
<b>Ambient Temperature</b> (Humid)	180°F Max. <30% Humidity	180°F Max. <30% Humidity	180°F Max. <30% Humidity
<b>Certification</b>	UL 2108, UL 678 (with Mounting Channel), NSF	UL 2108, UL 678 (with Mounting Channel), NSF	UL 2108, UL 678 (with Mounting Channel), NSF
<b>Warranty</b>	5 Years, 2 Years Deep Cold, 1 Year Sauna	5 Years, 2 Years Deep Cold, 1 Year Sauna	5 Years, 2 Years Deep Cold, 1 Year Sauna



**2 RECESSED STEP LIGHT**

**X1**

The X1 is an unobtrusive, low-voltage, aimable mini bollard. More compact than a shaded path light, its minimalist design allows attention to focus on the lamp's extra-wide flood effect, not the fixture itself.

**Construction** All brass components. 1/8" [3mm] thick brass housing. 1-1/4" schedule 40 brass stem.

**Lens** Tempered soda lime glass

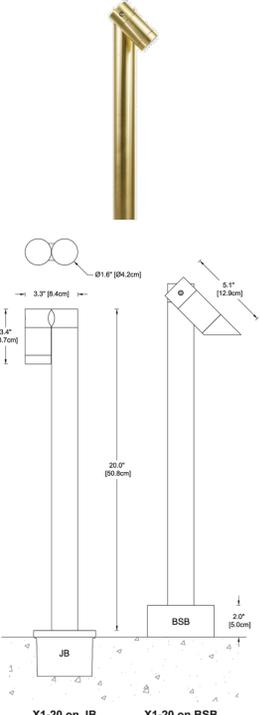
**Voltage** 12 Volts AC/DC with integral driver (9-15V input, dimmable below 9V). Remote transformer required.

**Fixture Height** Custom stem heights are available upon request. Standard overall height is 20".

**Lamps** Triac dimmable: MLV >6% typ.

	Beam/Field	Candela	Lumens	Efficacy
One XPE2 LED	— ZW-A-NFL	14° / 31"	587	64
2 Watt AMBER (1000K) TURTLE FRIENDLY	— ZW-A-NFL — ZW-A-NO	29° / 61" 46° / 114"	140 18	53 31
One XPE2 LED	— ZW-RO-NFL	13° / 28"	1483	119
2 Watt RED-ORANGE (1000K) TURTLE FRIENDLY	— ZW-RO-NFL — ZW-RO-NO	32° / 56" 49° / 114"	229 32	81 35
One XPE2 LED	— 3W-NFL	17° / 37"	1214	177
3 Watt Warm White (3000K)*	— 3W-NFL — 3W-NO	30° / 62" 47° / 88"	335 49	156 76

\* Also available in 2700K. Add color suffix to lamp specification, e.g. "3W-NO-2700K"



**Optical Accessories**  
 — BGSS Brass glare shield, 45° cutoff  
 — BG8F Brass glare shield, full cutoff  
 — CTO-114-1.36 Color Temperature Orange filter 1/4  
 — CTO-112-1.36 Color Temperature Orange filter 1/2  
 — CTO-314-1.36 Color Temperature Orange filter 3/4

**Mounting Accessories**  
 1/2" male threads. Mounts into any standard j-box or:  
 — BSB Brass Surface Box for surface-mount applications on concrete or wood. Includes internal brass collar and stainless steel lag screws. 4.25" (11cm) diameter x 2.0" (5cm) high  
 — GSZBC Heavy-duty ground spike with cast brass cap  
 — JB Cast brass junction box

**Finish:** Unfinished is standard; no specification required. The fixture will weather to a natural patina. The patina process is natural with brass and copper. Rate of patina and eventual color is dependent upon climate and proximity to the ocean. Thus, Beachside does not guarantee any specific appearance.

IP 66  
 CSA Listed, file #190030  
 10 year fixture warranty  
 5 year Cree LED module warranty



Project \_\_\_\_\_ By \_\_\_\_\_ Date \_\_\_\_\_  
 For ordering purposes, please specify (example: X1-20-ZW-A-NO-BGSS-CTO-1/2-1.36-BSB)

X1 \_\_\_\_\_ Fixture Height \_\_\_\_\_ Lamp / Optic \_\_\_\_\_ Accessory(ies) \_\_\_\_\_

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**3 ROPE LIGHT**

**1 PATH LIGHT**

**SEVEN SPRINGS STUDIO LANDSCAPE ARCHITECTS**

2548 EMPIRE GRADE  
 SANTA CRUZ, CA 95060  
 831.466.9617



PROJECT NAME:  
**SEARLE RESIDENCE**

PROJECT ADDRESS:  
 2480 BAY VIEW AVENUE  
 CARMEL, CA 93923  
 APN: 009-412-025-000

ISSUANCE:  
**BUILDING DEPARTMENT SUBMITTAL**

PROJECT NO: 2024-06  
 DATE: 10/08/2024

REVISIONS:  
 DATE DESCRIPTION

SHEET NAME:  
**LIGHTING SPECS**

SHEET NO:

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